Maths minutes

100 minutes to practise and reinforce essential skills

Minute 76 — Date: ....

Name: ....

1. Henry draws 15 pictures. He gives his two aunts 4 pictures each. How many pictures does he have left? .... pictures

3. 8.9 – 3.6 = ...

2. $\frac{37}{5}$ = 7 $\frac{\square}{5}$

4. $\frac{1}{4}$ of 20 = ...

5. A .... is a parallelogram with four equal sides.
.... trapezium

Questions 6 and 7, write the decimals from smallest to biggest.

.... 5.25   5.32   5.3

7.   0.2   0.02   2.02

Use the line graph to complete Questions 8 to 10.

8. Which month received the greatest amount of rainfall? ....

9. Did the amount of rainfall **increase** or **decrease** from April to June?
....

10. March and .... each received 0.3 cm of rainfall.

Centimetres of rain by month

cm
10
9
8
7
6
5
4
3
2
1
0
Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Jan. Feb.
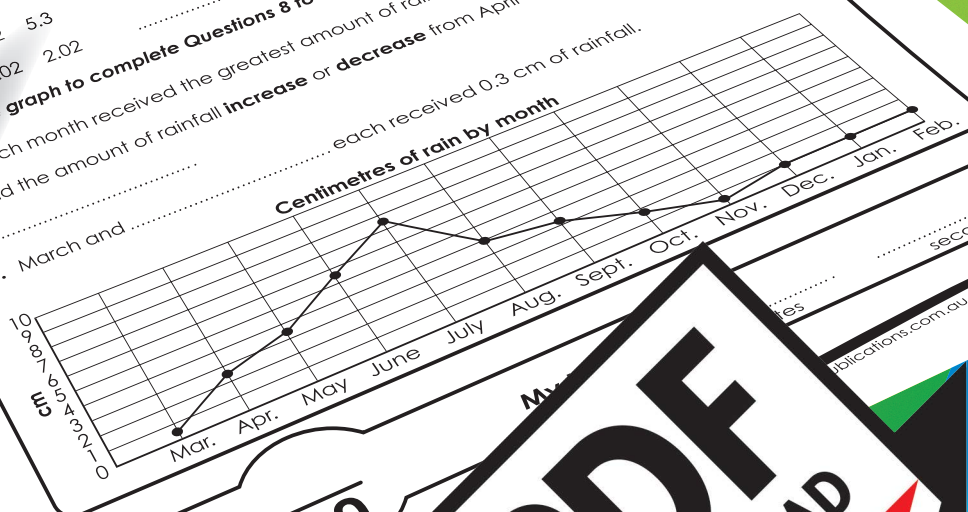
My score: **10**

Maths minutes

76

Alaska Hults

PDF DOWNLOAD

MATHS MINUTES – BOOK E

Foreword

Maths minutes is a six-book series for students in Australian primary schools, that provides a structured daily program of easy-to-follow activities in the mathematics areas of: **number, space, measurement, chance and data** and **pre-algebra.**

The program provides a framework to:

- *promote the ongoing learning of essential maths concepts and skills through practice and reinforcement*
- *develop and maintain speed of recall and maths fluency*
- *develop knowledge and understanding of mathematics terminology*
- *encourage mental maths strategies*
- *provide support to the overall daily mathematics program.*

Maths minutes – Book E features 100 'minutes', each with 10 classroom-tested problems. The problems provide the students with practice in the key areas of mathematics for their Year level, and basic computational skills. Designed to be implemented in numerical order from 1 to 100, the activities in *Maths minutes* are developmental through each book and across the series.

Comprehensive teachers notes, record-keeping charts, a scope-and-sequence table (showing when each new concept and skill is introduced), and photocopiable student reference materials are also included.

How many minutes does it take to complete a 'maths minute'?

Students will enjoy challenging themselves as they apply their mathematical knowledge and understanding to complete a 'maths minute' in the fastest possible time.

Titles available in this series: **Age levels**

- Maths minutes – *Book B*   Age 6–7 years
- Maths minutes – *Book C*   Age 7–8 years
- Maths minutes – *Book D*   Age 8–9 years
- Maths minutes – *Book E*   Age 9–10 years
- Maths minutes – *Book F*   Age 10–11 years
- Maths minutes – *Book G*   Age 11–12 years

Contents

Teachers notes

How to use this book

Maths minutes can be used in a variety of ways, such as:

- **a speed test**. As the teacher starts a stopwatch, students begin the 'minute'. As each student finishes, he/she raises a hand and the teacher calls out the time. The student records this time on the appropriate place on the sheet. Alternatively, a particular time can be allocated for the whole class to complete the 'minute' in.
Students record their scores and time on their 'minute journal' (see page vii).

- **a whole-class activity**. Work through the 'minute' together as a teaching or reviewing activity.

- **a warm-up activity**. Use a 'minute' a day as a 'starter' or warm-up activity before the main part of the maths lesson begins.

- **a homework activity**. If given as a homework activity, it would be most beneficial for the students if the 'minute' is corrected and reviewed at the start of the following lesson.

Maths minutes strategies

Encourage students to apply the following strategies to help improve their scores and decrease the time taken to complete the 10 questions.

- To use mental maths strategies whenever possible.
- To move quickly down the page, answering the problems they know first.
- To come back to problems they are unsure of, after they have completed all other problems.
- To make educated guesses when they encounter problems they are not familiar with.
- To rewrite word problems as number problems.

A *Maths minute* student activity page.

Name and date
Students write their name and the date in the spaces provided.

Questions
There are 10 problems, providing practice in every key area of the four maths strands.

Score
Students record their score out of 10 in the space provided.

'Maths minute' number
Maths minutes are designed to be completed in numerical order.

Time
Students record the time taken to complete the 'minute' at the bottom of the sheet. (This is optional.)

Minute 21

Name: .... Date: ....

1. Mara has 7 pencils and Joy has 12 pencils.
   How many pencils do they have altogether? ....pencils

2. Circle the best estimate for the angle.
   45°   90°   180°

3. 268
   + 14
   ——————

In Questions 4 to 6, which unit would you choose to measure each? Circle the answer.

4. distance around a soccer field   centimetres   metres   kilometres

5. width of a book   centimetres   metres   kilometres

6. distance between towns   centimetres   metres   kilometres

7.   18
   x 5
   ——————

8. $10.00 – $8.50 = $ ....

For Questions 9 and 10, write how much time has passed.

9. 5.00 am to 6.25 am = ...hour(s) and ....minutes

10. 8.15 pm to 9.30 pm = ...hour(s) and ....minutes

My score: 10   My time: .... minutes .... seconds

Teachers notes

Marking

Answers are provided for all activities. How these activities are marked will vary according to the teacher's organisational policy. Methods could include whole-class checking, partner checking, individual student checking, or collection by the teacher.

Diagnosis of problem areas

Maths minutes provides the teacher with immediate feedback of whole-class and individual student understanding. This information is useful for future programming and planning of further opportunities to practise and review the skills and concepts which need addressing.

Make use of the structured nature of the questions to diagnose problem areas; rather than asking who got 10 out of 10, ask the students who got Number 1 correct to raise their hands, Number 2, Number 3 etc. This way you will be able to quickly determine which concepts and calculations are causing problems for the majority of the students. Once the routine of *Maths minutes* is established, the teacher will have time to work with individuals or small groups to assist them with any areas causing problems.

Meeting the needs of individuals

The structure of *Maths minutes* allows some latitude in the way the books are used; for example, it may be impractical (as well as demoralising for some) for all students to be using the same book. It can also be difficult for teachers to manage the range of abilities found in any one classroom, so while students may be working at different levels from different books, the familiar structure makes it easier to cope with individual differences. An outline of the suggested age range levels each book is suited to is given on page iii.

Additional resources:

- **Minute records**
  Teachers can record student scores and times on the **Minute records** table located on page vi.

- **Scope and sequence**
  The **Scope-and-sequence table** gives the 'minute' in which each new skill and concept appears for the first time.

- **Minute journal**
  Once a 'minute' is completed, students record their score and time on their **Minute journal**, located on page vii.

- **Useful maths facts**
  Two pages of photocopiable student reference materials have been included, which students can refer to when required.

- **Answers to all questions are found on pages 101 to 105.**
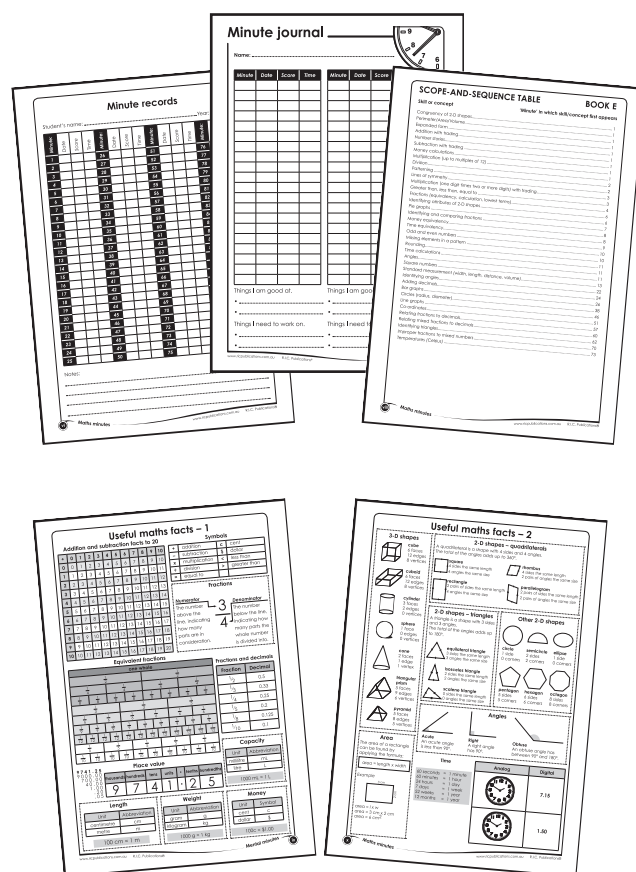
Minute records

Student's name: .... Year: ....

Minute:	Date	Score	Time	Minute:	Date	Score	Time	Minute:	Date	Score	Time	Minute:	Date	Score	Time
1				26				51				76			
2				27				52				77			
3				28				53				78			
4				29				54				79			
5				30				55				80			
6				31				56				81			
7				32				57				82			
8				33				58				83			
9				34				59				84			
10				35				60				85			
11				36				61				86			
12				37				62				87			
13				38				63				88			
14				39				64				89			
15				40				65				90			
16				41				66				91			
17				42				67				92			
18				43				68				93			
19				44				69				94			
20				45				70				95			
21				46				71				96			
22				47				72				97			
23				48				73				98			
24				49				74				99			
25				50				75				100			

Notes:

....

....

....

....

Minute journal

Name: ....

Minute	Date	Score	Time
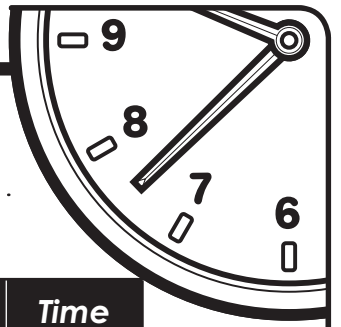
Minute	Date	Score	Time

Things I am good at.

• ....

• ....

Things I need to work on.

• ....

• ....

Things I am good at.

• ....

• ....

Things I need to work on.

• ....

• ....

SCOPE-AND-SEQUENCE TABLE   BOOK E

Skill or concept   **'Minute' in which skill/concept first appears**

Useful maths facts – 1

Addition and subtraction facts to 20

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10	11	12	13
4	4	5	6	7	8	9	10	11	12	13	14
5	5	6	7	8	9	10	11	12	13	14	15
6	6	7	8	9	10	11	12	13	14	15	16
7	7	8	9	10	11	12	13	14	15	16	17
8	8	9	10	11	12	13	14	15	16	17	18
9	9	10	11	12	13	14	15	16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

Symbols

Symbol	Meaning	Symbol	Meaning
+	addition	c	cent
–	subtraction	$	dollar
x	multiplication	<	less than
÷	division	>	greater than
=	equal to		

Fractions

Numerator
The number above the line, indicating how many parts are in consideration.

$$\frac{3}{4}$$

Denominator
The number below the line, indicating how many parts the whole number is divided into.

Equivalent fractions

one whole

| $\frac{1}{2}$ | $\frac{1}{2}$ |

| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |

| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

| $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ |

| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

| $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ | $\frac{1}{9}$ |

| $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ |

| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ |

| $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ |

Fractions and decimals

Fraction	Decimal
$\frac{1}{2}$	0.5
$\frac{1}{3}$	0.33
$\frac{1}{4}$	0.25
$\frac{1}{5}$	0.2
$\frac{1}{8}$	0.125
$\frac{1}{10}$	0.1

Place value

```
9 7 4 1 . 2 5
9 0 0 0 . 0 0
  7 0 0 . 0 0
    4 0 . 0 0
       1 . 0 0
         . 2 0
         . 0 5
```

thousands	hundreds	tens	units	•	tenths	hundredths
9	7	4	1	·	2	5

Capacity

Unit	Abbreviation
millilitre	mL
litre	L

1000 mL = 1 L

Length

Unit	Abbreviation
centimetre	cm
metre	m

100 cm = 1 m

Weight

Unit	Abbreviation
gram	g
kilogram	kg

1000 g = 1 kg

Money

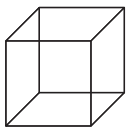| Unit	Symbol
cent	c
dollar	$

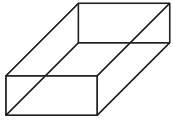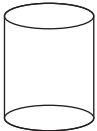100c = $1.00

Useful maths facts – 2

3-D shapes

cube
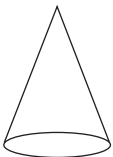6 faces
12 edges
8 vertices
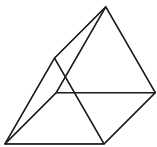
cuboid
6 faces
12 edges
8 vertices

cylinder
3 faces
2 edges
0 vertices

sphere
1 face
0 edges
0 vertices

cone
2 faces
1 edge
1 vertex

triangular prism
5 faces
9 edges
6 vertices

pyramid
5 faces
8 edges
5 vertices
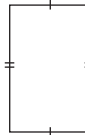
2-D shapes – quadrilaterals

A quadrilateral is a shape with 4 sides and 4 angles.
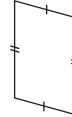The total of the angles adds up to 360°.

square
4 sides the same length
4 angles the same size

rhombus
4 sides the same length
2 pairs of angles the same size

rectangle
2 pairs of sides the same length
4 angles the same size

parallelogram
2 pairs of sides the same length
2 pairs of angles the same size

2-D shapes – triangles

A triangle is a shape with 3 sides and 3 angles.
The total of the angles adds up to 180°.
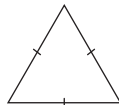
equilateral triangle
3 sides the same length
3 angles the same size

isosceles triangle
2 sides the same length
2 angles the same size
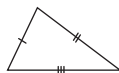
scalene triangle
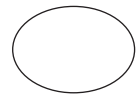0 sides the same length
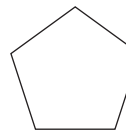0 angles the same size

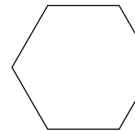## Other 2-D shapes
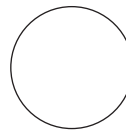
circle
1 side
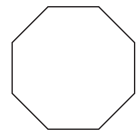0 corners

semicircle
2 sides
2 corners
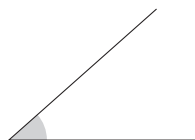
ellipse
1 side
0 corners

pentagon
5 sides
5 corners

hexagon
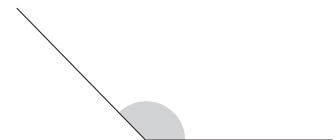6 sides
6 corners

octagon
8 sides
8 corners

Angles

Acute
An acute angle is less than 90°.

Right
A right angle has 90°.

Obtuse
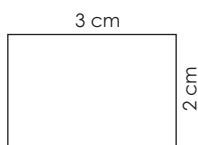An obtuse angle has between 90° and 180°.

Area

The area of a rectangle can be found by applying the formula:

area = length x width

Example

3 cm

2 cm

area = l x w
area = 3 cm x 2 cm
area = 6 cm^2

Time

60 seconds	=	1 minute
60 minutes	=	1 hour
24 hours	=	1 day
7 days	=	1 week
52 weeks	=	1 year
12 months	=	1 year

Analog	Digital
	7.15
	1.50

Minute 1
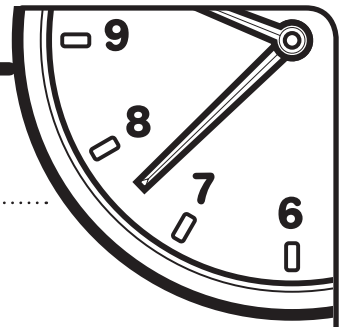
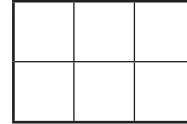**Name:** .... **Date:** ....

1. The area of the shape is 6 square units.

   Circle: **True**   or   **False**

2. Jenna wants to purchase a pad of drawing paper for $5.00, a charcoal pencil for $0.75 and an eraser for $1.25.

   How much money does she need altogether to buy the supplies? $..............

3.   45
   +   4
   ....

   ....

4. Complete the fact family.   5 x 7 = 35   7 x 5 = ...

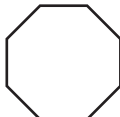   35 ÷ 7 = 5   35 ÷ 5 = ...

5. Circle the figure that matches the shaded figure.

        A   B   C   D

6. The **difference** between 8 and 5 is ....

7. The expanded form of 654 is 600 + 50 + ...

8. The **sum** of 8 and 5 is ....

For Questions 9 and 10, circle the digit in the tens place.

9. 456

10. 925

My score: ‾‾‾‾ **My time:** ....
         10   minutes   seconds

Minute 2

1. 15 – 8 = ...

2. Continue the pattern.   4, 8, 12, 16, 20, ..., ..., ...

3.   33
      +   5
        ....

        ....

4. Circle the figure that is **congruent** (same shape and size) to the shaded figure.

              A   B   C   D

5.   38
      –   5
        ....

        ....
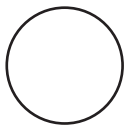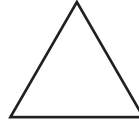
6. Complete the fact family.   6 x 7 = 42   7 x 6 = ...

                                      42 ÷ 7 = 6   42 ÷ 6 = ...

7.   12
      x   3
        ....

        ....

In Questions 8 to 10, does the figure have a line of symmetry? Write yes or no. If yes, draw the line(s) of symmetry.
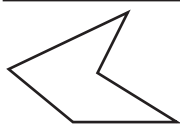

8. ....

9. ....

10. ....

My score: ____
10

My time: ....
                                  minutes   seconds

Minute 3

Name: .... Date: ....

1. 4) 48

2.   21
    +   6
    ....

    ....

3. The **volume** of the shape is 9 cubic units.

    length x width x height = volume (1 x 3 x 3)
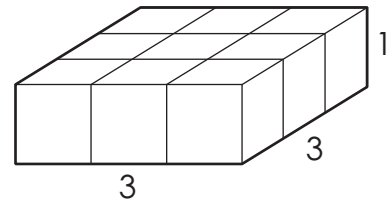
    Circle: **True**   or   **False**

4. Complete the fact family.   5 x 8 = 40   8 x 5 = ...

                                    40 ÷ 8 = ...   40 ÷ 5 = ...

5. Polly bought a new collar and leash for her dog. The total was $7.50. She paid with a ten-dollar note.

    How much change did she receive? $............

6.   45
    –   3
    ....

    ....

7.   14
    x   2
    ....

    ....

Write <, > or = to complete Questions 8 to 10.

8. 3 13

9. 31 13

10. 310 310

My score: ____
        10

My time: ....
              minutes   seconds

Minute 4

1.
$$\begin{array}{r} 85 \\ -\ \ \ 2 \\ \hline \end{array}$$

....

2. $7\overline{)35}^{5}$ Which number is the **dividend** in this problem? ....

3. Riley has a 100-page book. She has read half of it.

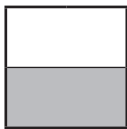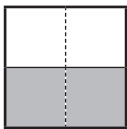   How many pages does she have left to read? .... pages

4. Complete the fact family.   9 x 4 = ...   4 x 9 = ...

   36 ÷ 9 = ...   36 ÷ 4 = ...

5. $4\overline{)28}$

6.
$$\begin{array}{r} 62 \\ +\ \ \ 7 \\ \hline \end{array}$$

....

7.
$$\begin{array}{r} 16 \\ \times\ \ \ 2 \\ \hline \end{array}$$

....

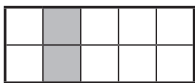*For Questions 8 to 10, write the equivalent fraction.*
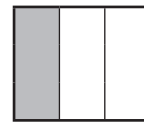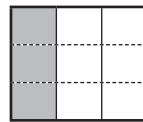
8. $\dfrac{2}{4}$ = $\dfrac{\boxed{}}{2}$

9. $\dfrac{3}{9}$ = $\dfrac{\boxed{}}{3}$

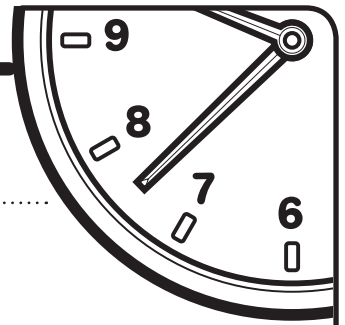10. $\dfrac{2}{10}$ = $\dfrac{\boxed{}}{5}$

My score: $\dfrac{}{10}$ **My time:** ....
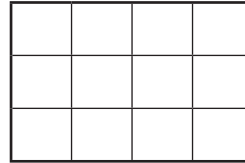   minutes   seconds

Minute 5

1. The area of the shape is 9 square units.

   Circle: **True**   or   **False**

2. 3 x 5 = 15   Which number is the **product**? ....

3.   68
    –   5
    ....

    ....

4. Carol wants to buy 4 pens for $0.75 each.

   How much money does she need? $............

5.   21
    +   6
    ....

    ....

6. 8) 72

7. The expanded form of 489 is 400 + ... + 9.

8.   18
    x   3
    ....

    ....

For Questions 9 and 10, write the value of the bold digit.

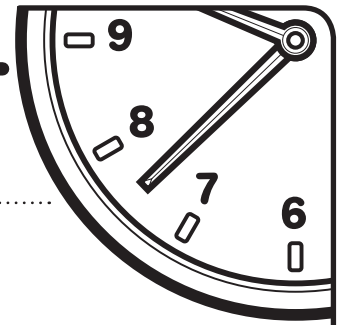9. **5**0 = ... tens

10. **7**0 = ... tens

My score: ____
         10

My time: ....
              minutes   seconds

Minute 6

Name: .... **Date:** ....

1.   92
   +   3
   ....

   ....

2.   15
   x   8
   ....

   ....

3. The **volume** of the shape is 12 cubic units.

   length x width x height = volume (2 x 3 x 2)

   Circle: **True**   or   **False**

   2
   3
   2
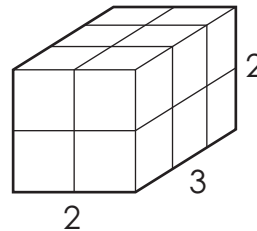
4. $7\overline{)42}$ with 6 above   Which number is the **divisor**? ....

5. A **quadrilateral** has .... sides and four angles.

6. $4\overline{)48}$

7.   54
   –   2
   ....

   ....

Use the pie graph to complete Questions 8 to 10.

8. How many people said pears are their favourite fruit?

   .... people

9. Which fruit is the most popular?

   ....

10. The number of people who said apples are their favourite fruit equals the sum of the number of people who said

   .... and .... are their favourite fruit.

Favourite fruit
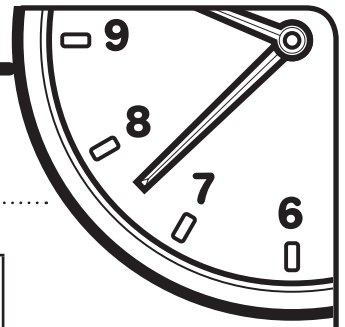
apple (30)
orange (20)
kiwi (5)
watermelon (35)
pear (10)

My score: $\frac{\quad}{10}$ **My time:** ....
                                                    minutes   seconds

Minute 7

Name: .... **Date:** ....

1. Write the fraction of the shaded area. ....

2.   29
     −   7
     ....

     ....

3.   54
     +   4
     ....

     ....

4. What is the **perimeter** of the shape? .... units
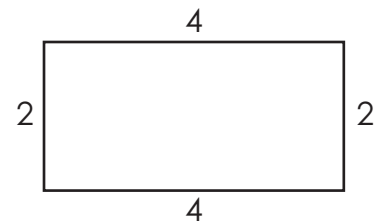
5. 6 ⟌ 54

6. The expanded form of 3024 is .... + ... + ...

7.   17
     x   4
     ....

     ....

8. Complete the pattern.   10, 20, 40, ..., 160

For Questions 9 and 10, circle the digit in the tens place.

9. 589

10. 546

My score: _____
       10

My time: ....
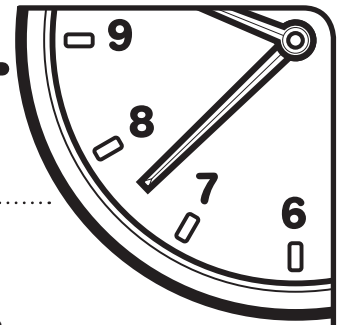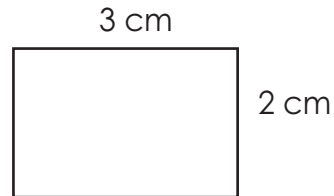   minutes   seconds

Minute 8

1. The **area** of the shape is 6 square centimetres.

   length x width = area

   Circle: **True**   or   **False**

   3 cm

   2 cm

2.   43
   +   7
   ....

   ....

3. Twenty 5c pieces = ... dollar(s)

4. 10 + 25 = ...

5.   19
   x   2
   ....

   ....

6. Sandy buys a box of chocolates. If the box costs $2.00 and there are 8 chocolates in the box, how much does each chocolate cost?

  c

7.   84
   –   3
   ....

   ....

8. There are .... minutes in an hour.

9. 78 x 10 = ...

10. $9\overline{)81}$

My score: _____
           10

My time: ....
                minutes   seconds

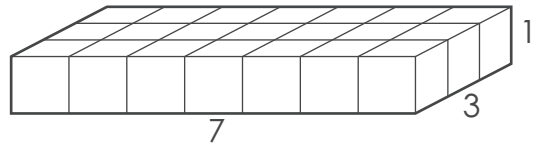# Minute 9

1. Eleven is an odd number.

Circle: **True**   or   **False**

2. 8)‾88‾

3. The **volume** of the shape is 21 cubic units.

length x width x height = volume   (7 x 3 x 1)

Circle: **True**   or   **False**

4.   37
      +   2
      ....

      ....

5. A **quadrilateral** has .... sides and .... angles.

6.   57
      –   6
      ....

      ....

7.   11
      x   6
      ....

      ....

8. The expanded form of 103 is 100 + ...

For Questions 9 and 10, write +, – or x to make the sentence true.

9. 17 – 4 .... 10 = 23

10. 56 + 2 .... 2 = 56

My score: _____
10

My time: ....
                    minutes   seconds

Name: .... **Date:** ....

1.   13
    x   3
    ....

    ....

2.   84
    +   5
    ....

    ....

3. Complete the pattern.   2, 4, ..., 8, 10, 12

4. 30 ÷ 6 = ...

5.   58
    –   8
    ....

    ....

6. $10.00 – $4.50 = ...

7. 6)‾36‾

For Questions 8 to 10, round the number to the nearest ten. Circle the answer.

8. 156:   100   150   160   200

9. 78:   70   80   90   100

10. 52:   40   50   55   60

My score: ‾‾‾‾‾ / **10**   **My time:** ....
                                                    minutes   seconds

Minute 11
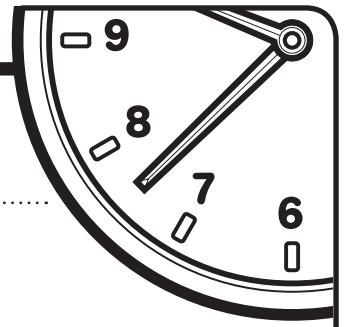
1. If 3^2 = 3 x 3 = 9, then 4^2 = 4 x 4 = ...

2. Circle the best estimate for the angle.

| 45° | 90° | 180° |
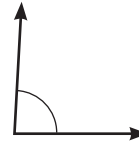
3. Ethan wants to purchase a cricket bat for $12.00, some new wickets for $15.25 and a ball for $1.50.

How much money does he need altogether to buy the items? $............

4. 45
    + 6
    ....

    ....

5. 53
    – 8
    ....

    ....

6. 22
    x 7
    ....

    ....

7. 8$\overline{)32}$

For Questions 8 to 10, write how much time has passed.

8. 3.15 pm to 3.30 pm = ... minutes

9. 4.15 am to 4.25 am = ... minutes

10. 2.45 pm to 3.30 pm = ... minutes

My score: _____
10

My time: ....
                    minutes   seconds

Minute 12
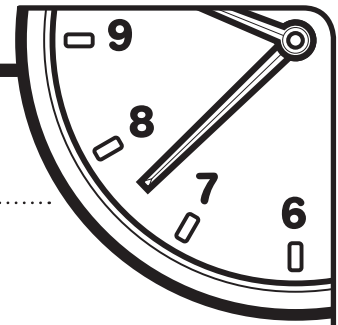
1. $7\overline{)56}$

2. Continue the pattern. 6, 12, 18, 24, ..., ...

3. $\begin{array}{r} 68 \\ +\quad 4 \\ \hline \end{array}$

   ....

4. Circle the figure that is **congruent** (same shape and size) to the shaded figure.
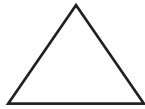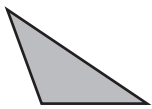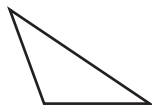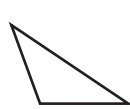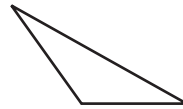
   A B C D

5. $\begin{array}{r} 45 \\ -\quad 3 \\ \hline \end{array}$

   ....

6. 20 − 8 = ...

7. $\begin{array}{r} 56 \\ \times\quad 4 \\ \hline \end{array}$

   ....

In Questions 8 to 10, does the figure have a line of symmetry? Write yes or no. If yes, draw the line(s) of symmetry.

8. ....

9. ....

10. ....
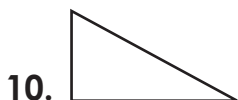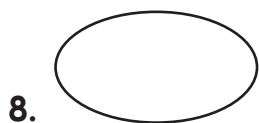
Minute 13
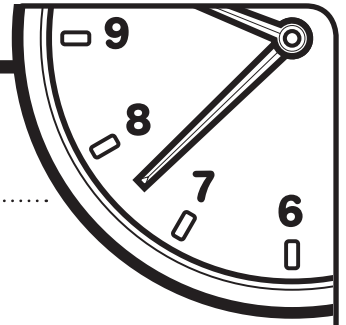
1. 4 x 6 = 24   Which numbers are the **factors**? .... and ....

2. $6\overline{)54}$

3. The **volume** of the shape is 9 cubic centimetres.

   length x width x height = volume   (3 cm x 3 cm x 1 cm)

   Circle: **True**   or   **False**

   1 cm
   3 cm
   3 cm

4.   27
   +   7
   ....

   ....
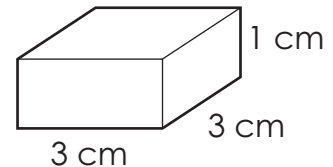
5. Harry bought a toy and a bag of treats for his cat. The total was $8.25. He paid with a ten-dollar note.

   How much change did he receive? ....

6.   34
   x   6
   ....

   ....

7.   32
   +   9
   ....

   ....

Write <, > or = to complete Questions 8 to 10.

8. 9.3 .... 8.8

9. 2.3 .... 3.2

10. 4.7 .... 7.4

My score: $\frac{\quad\quad}{10}$ **My time:** ....
                                                    minutes   seconds

Minute 14

1.   56
    −   8
    ....

    ....

2.   68
    x   3
    ....

    ....

3.   94
    +   6
    ....

    ....
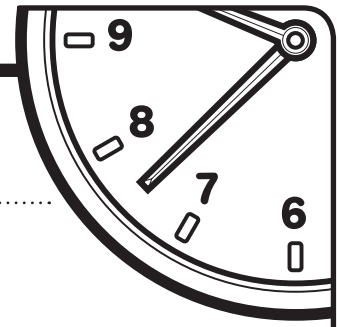
4. Matthew has a 150-page book. He has read $\frac{1}{2}$ of it.

    How many pages has he read so far? .... pages

5. $8\overline{)48}$

6. What is the **difference** between 5 and 7? ....

7. John has 24 biscuits. He shares them equally among himself and 3 friends.

    How many biscuits each do John and his friends get? .... biscuits

Write <, > or = to complete Questions 8 to 10.

8. 10 millimetres = 1 centimetre   5 mm .... 1 cm

9. 1 metre = 100 centimetres   1m .... 1 cm

10. 1 kilometre = 1000 metres   1 km .... 900 m

My score: $\dfrac{}{10}$

My time: ....
                             minutes   seconds

Minute 15
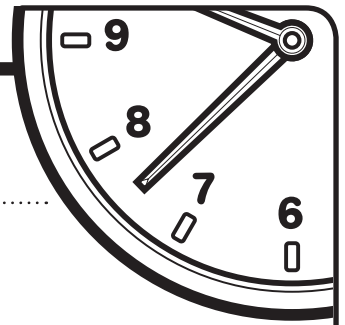
Name: .... **Date:** ....

1. The **area** of the shape is 6 square metres.

   length x width = area

   Circle: **True**   or   **False**

   3 m

   3 m

2.
$$44 \times 7$$
....
....

3.
$$85 + 9$$
....
....
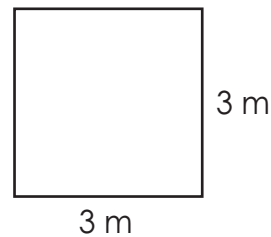
4. Claire earns $1.50 for each dog she walks for 15 minutes. Today, she walked two dogs for 15 minutes.

   How much money did she earn? $...........

5. What is the **sum** of 10 and 12? ....

6.
$$91 - 7$$
....
....

7. $9\overline{)54}$

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{8}{12} = \dfrac{}{3}$

9. $\dfrac{9}{12} = \dfrac{}{4}$

10. $\dfrac{4}{8} = \dfrac{}{2}$
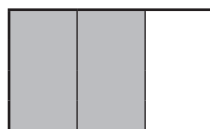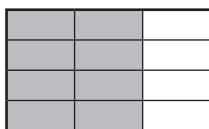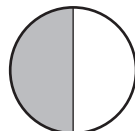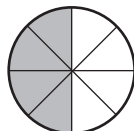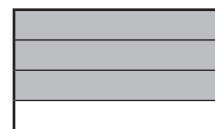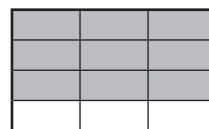
My score: $\dfrac{}{10}$

My time: ....
                minutes   seconds

Minute 16
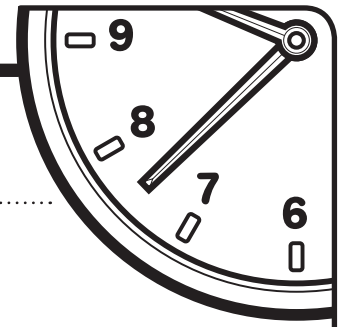
Name: .... **Date:** ....

1. Alice has 7 sheets of 20 stamps each.

   How many stamps does she have in altogether? .... stamps

2. $7\overline{)42}$

3.   75
     +   8
     ....

     ....

4. $12 ÷ 3 = 4$ Which number is the **quotient**? ....

5. A **hexagon** has .... sides and .... angles.

6.   85
     −   9
     ....

     ....

7.   45
     x   4
     ....

     ....

Use the pie graph to complete Questions 8 to 10.

How students get to school

8. The greatest number of students get to

   school by ....

9. The least number of students get to school

   by ....

10. The sum of students who walk and bike to school is equal to the sum of

    students who .... and .... to school.

pie graph sections: walk (30), bike (20), skate (8), drive/carpool (42)
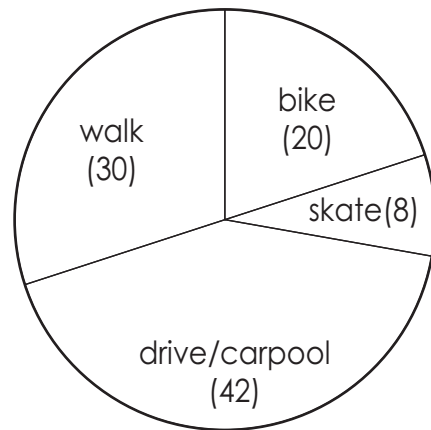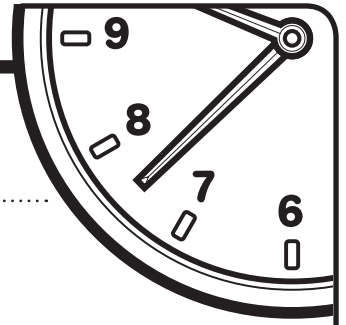
My score: _____
         10

My time: ....
                minutes   seconds

Minute 17

Name: .... **Date:** ....

1. 57
    x   3
    ....

    ....

2. 5)‾30̅ ^{6} Which number is the **dividend**? ....

3.   93
    +   8
    ....

    ....
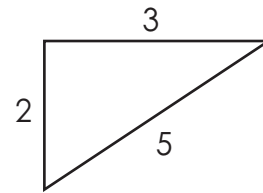
4. What is the **perimeter** of the shape? .... units

5. 7)‾49̅

6. The expanded form of 4857 is .... + ... + ... + ...

7.   64
    –   8
    ....

    ....

8. Chris has 7 wrenches and 4 screwdrivers.

    How many tools does he have in altogether? .... tools

For Questions 9 and 10, circle the digit in the hundreds place.

9. 7856

10. 945

My score: ___
    10
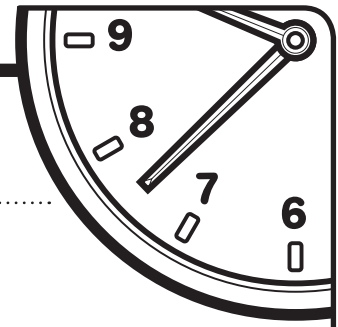
My time: ....
                minutes   seconds

Minute 18

Name: .... **Date:** ....

1. $5\overline{)35}$

2.   87
     +   6
     ....

     ....

3. 21 x 10c = ...c or $............

4. 35 + 10 = ...

5. A six-pack of juice boxes sells for $3.60.

   How much does each juice box cost? c

6. 62 x 100 = ...

7.   65
     x   6
     ....

     ....

8. There are .... minutes in 2 hours.

9.   85
     −   6
     ....

     ....

10. 18 ÷ 6 = ...
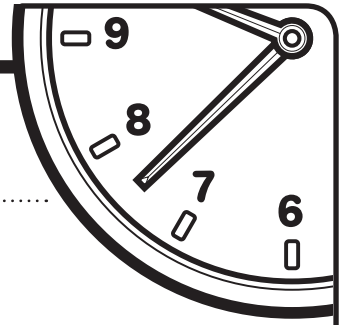
My score: _____ / **10**

My time: ....
                   minutes   seconds

Minute 19

Name: .... **Date:** ....

1. There are 8 puppies and 4 of them have red collars.

   What fraction of the puppies have red collars? ....

2. Twelve is an even number.

   Circle: **True** or **False**

3.   86
    +   6
    ....

    ....

4. $4\overline{)36}$

5. 2 x 6 = 12   Which number is the **product**? ....

6. The expanded form of 465 is .... + ... + ...

7.   42
    x   3
    ....

    ....

8.   84
    –   8
    ....

    ....

For Questions 9 and 10, write +, – or x to make the sentence true.

9. 5 – 2 [......] 3 = 6

10. 4 [......] 3 + 8 = 20

My score: _____
      10

My time: ....
                    minutes   seconds

Minute 20

1.   91
      –   6
    ....

    ....
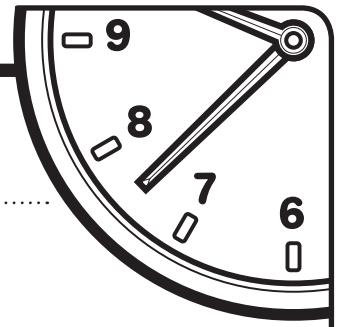
2. 6$\overline{)48}$

3. Complete the pattern.   5, 10, ..., 20, 25, 30

4. 7$\overline{)35}$

5.   887
      +   7
    ....

    ....

6. 3$\overline{)15}$

7.   54
      x   6
    ....

    ....

For Questions 8 to 10, round the number to the nearest hundred.

8. 621   ....

9. 548   ....

10. 584   ....

My score: $\dfrac{}{10}$

My time: ....
                        minutes   seconds

Minute 21

1. Mara has 7 pencils and Joy has 12 pencils.

   How many pencils do they have altogether? .... pencils

2. Circle the best estimate for the angle.

   | 45°   90°   180° |

3.   268
   +   14
   ....

   ....

In Questions 4 to 6, which unit would you choose to measure each? Circle the answer.

4. distance around a soccer field | centimetres   metres   kilometres |

5. width of a book | centimetres   metres   kilometres |

6. distance between towns | centimetres   metres   kilometres |

7.   18
   x   5
   ....

   ....

8. $10.00 – $8.50 = $ ....

For Questions 9 and 10, write how much time has passed.

9. 5.00 am to 6.25 am = ... hour(s) and .... minutes

10. 8.15 pm to 9.30 pm = ... hour(s) and .... minutes

---

My score: —————
             10

My time: ....
                      minutes   seconds

Minute 22

1. 645
   −   28
   ....

   ....

2. 695
   +   26
   ....

   ....

3. 42 − 23 = ...

4. Circle the figure that is similar to the shaded figure.

   A   B   C   D

5. 8) 50   r ....

6. Complete the pattern.   8, 16, 24, 32, 40, ..., ..., ...

7.   42
    x   8
   ....

   ....

For Questions 8 to 10, circle the name of the angle.

8. | acute   right angle   obtuse |
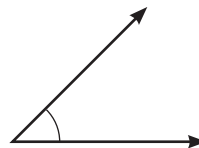
9. | acute   right angle   obtuse |
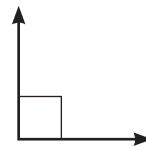
10. | acute   right angle   obtuse |
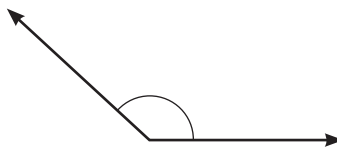
My score: —— / **10**

My time: ....
                minutes   seconds

Minute 23

Name: .... **Date:** ....

1. $7 \overline{)45}$ r ....

2. 516
   − 33
   ....

   ....

3. The **volume** of the shape is .... cubic centimetres.
   length x width x height = volume

   2 cm
   4 cm
   3 cm

4. 862
   + 28
   ....

   ....
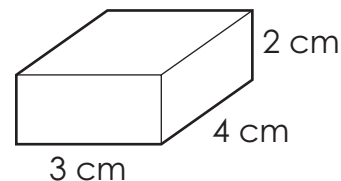
5. Mark bought a sandwich for $1.50, a drink for 50c, and an apple for 75c.

   How much did he spend on lunch? ....

6. Round 769 to the nearest hundred. ....

7.   41
   x 3
   ....

   ....

Write <, > or = to complete Questions 8 to 10.

8. 100° .... 40°

9. 90° .... 100°

10. 120° .... 120°
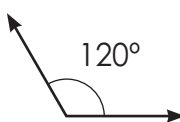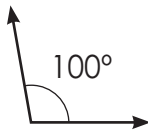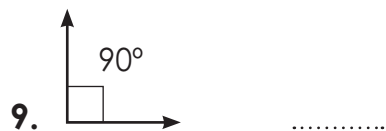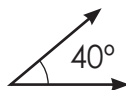
My score: ‾‾‾‾‾
            10

My time: ....
            minutes   seconds
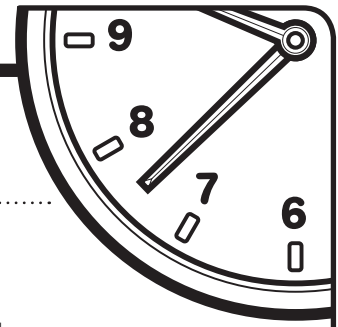
Name: .... **Date:** ....

1. Gary has 12 tickets to a football game. He gives away 8 tickets.

   How many tickets does he have left? .... tickets

2.   847
   –   84
   ....

   ....

3. 7$\overline{)37}$ r ....

4. Chris had a tin of 24 shortbreads. He has eaten $\frac{1}{4}$ of them.

   How many shortbreads has he eaten? .... shortbreads

5. Share $10.00 among 4 people. $............ each

6.   645
   +   78
   ....

   ....

7.   64
   x   7
   ....

   ....

8. 0.5 + 0.1 = ...

For Questions 9 and 10, write the value of the bold digit.

9. **5**46 = ...

10. 94**7** = ...

My score: $\frac{\qquad}{10}$ **My time:** ....
   minutes   seconds

Minute 25
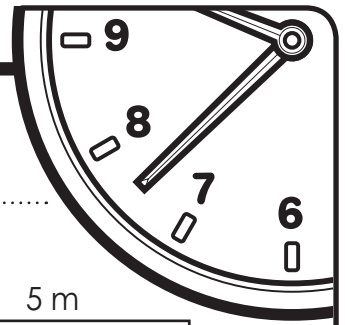
Name: .... **Date:** ....

1. The **area** of the shape is .... square metres.

2. What is the **difference** between 8 and 22? ....

   5 m
   3 m
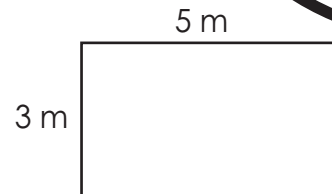
3. $6\overline{)38}$ r ....

4. $\begin{array}{r} 945 \\ + 94 \\ \hline \end{array}$
   ....

   ....

5. 0.3 + 0.5 = ...

6. $\begin{array}{r} 845 \\ - 91 \\ \hline \end{array}$
   ....

   ....

7. $\begin{array}{r} 79 \\ \times 6 \\ \hline \end{array}$
   ....

   ....

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{5}{10}$ = ...
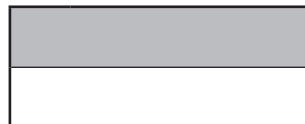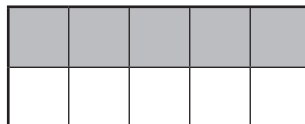
9. $\dfrac{2}{10}$ = ...
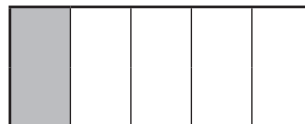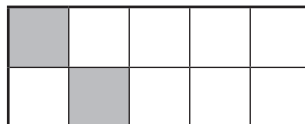
10. $\dfrac{6}{8}$ = ...
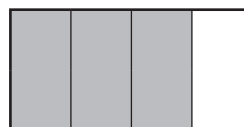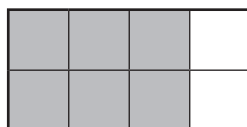
My score: $\dfrac{}{10}$ **My time:** ....
minutes   seconds

Minute 26

Name: .... **Date:** ....

1.   954
   −   39
   ....

   ....

2. What is the **sum** of 4 and 12? ....

3. $10.00 − $7.80 = ...

4. 320 − 50 = ...

5. A **heptagon** has .... sides and .... angles.

6. 7)‾67   r ....

7.   88
   x   3
   ....

   ....

Use the bar graph to complete Questions 8 to 10.

8. Which classroom collected the greatest number of tins? ....

9. How many tins did Room 12 collect? .... tins

10. Which classroom collected 70 tins? ....

Tinned goods drive
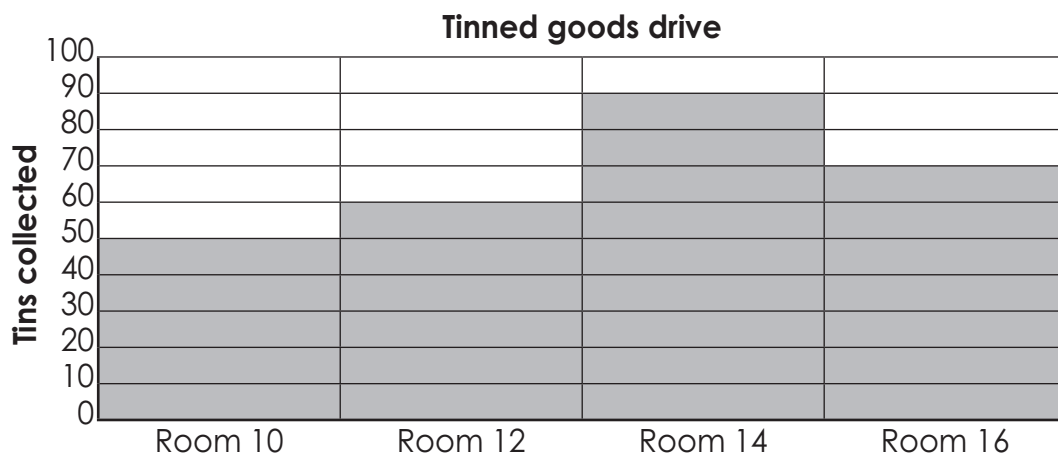
My score: ___
10

My time: ....
         minutes   seconds

Minute 27
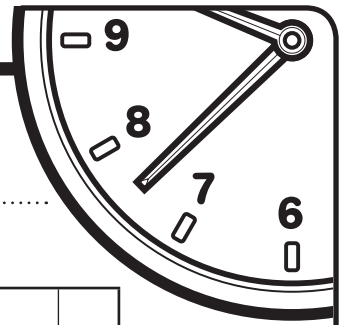
Name: .... **Date:** ....

1. Write the fraction of the shaded area. ....

2. 3$\overline{)24}$

3.　　268
　　+　14
　　...........

　　...........
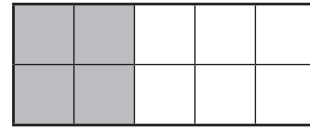
4. The **perimeter** of the shape is .... centimetres.
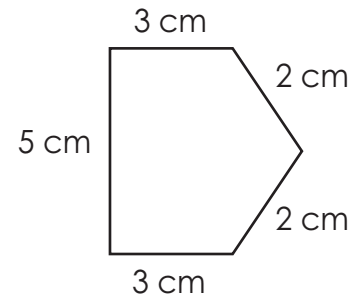
5. 8$\overline{)60}$　r ....

6. The expanded form of 504 is .... + ...

7.　　612
　　−　81
　　...........

　　...........

8.　　56
　　x　8
　　...........

　　...........

For Questions 9 and 10, circle the digit in the thousands place.

9. 87 465

10. 4974

My score: $\frac{}{10}$ **My time:** ....
　　　　　　　　　　　　　　　　　　　　minutes　　　　　seconds
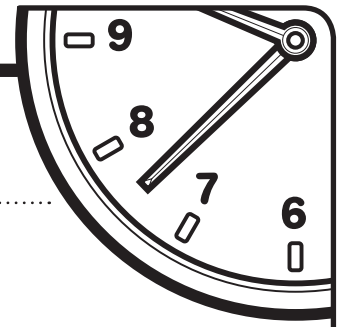
Name: .... **Date:** ....

1. 24 ÷ 8 = ...

2.   875
     −   93
     ....

     ....

3. 40 5-cent pieces = $..............

4.   758
     +   29
     ....

     ....

5. 547 x 100 = ...

6. There are 12 ice-cream cups in a box. If the box costs $9.60, how much does each cup of ice-cream cost?

  c

7.   654
     x   6
     ....

     ....

8. There are .... minutes in $1\frac{1}{2}$ hours.

9. 17 + 42 = ...

10. 8$\overline{)68}$ r ....

My score: $\frac{}{10}$ **My time:** ....
                                              minutes   seconds

Minute 29
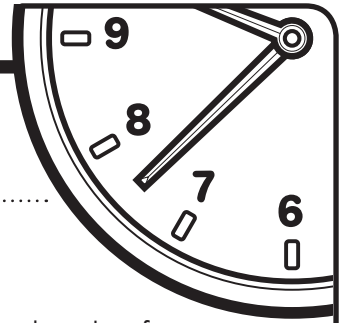
1. Cara has 5 boxes with 100 sheets of paper in each. How many sheets of paper does she have in all?

   .... sheets of paper

2. Twenty-three is an odd number.

   Circle: **True**   or   **False**

3.   864
   –   84
   ....

   ....

4.   564
   +   86
   ....

   ....

5. 9 $\overline{)48}$ r ....

6. The expanded form of 845 is .... + ... + ...

7.   232
   x   7
   ....

   ....

8. 24 ÷ 8 = ...

For question 9 and 10, write +, – or x to make the sentence true.

9. 20 x 4 .... 80 = 0

10. 100 x 100 .... 1 = 10 001

My score: $\dfrac{}{10}$

My time: ....
                minutes   seconds

Minute 30

1. 6 x 4 = ...

2.   846
     +   82
        ....

        ....

                        r ....
3. 7) 55
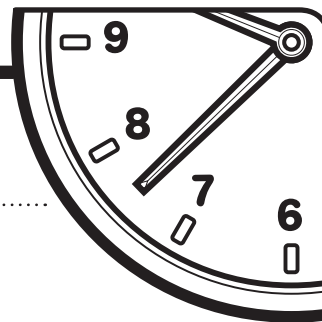
4. Complete the pattern.   6, 12, ..., ..., 30, 36

5.   814
     –   53
        ....

        ....

6. 56 ÷ 8 = ...

7.   461
     x   9
        ....

        ....

For Questions 8 to 10, round the number to the nearest ten.

8. 843   ....

9. 921   ....

10. 1327   ....

My score: ————
                 10

My time: ....
                    minutes   seconds

30   *Maths minutes*
     ISBN: 978-1-925686-68-5
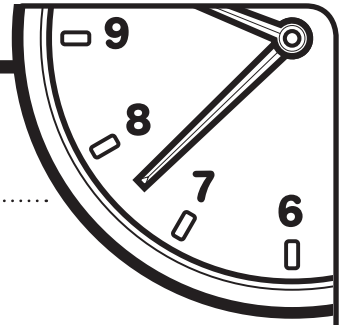
www.ricpublications.com.au   R.I.C. Publications®

Minute 31

Name: .... **Date:** ....

1. 122 x 7 = ...

2. Circle the best estimate for the angle.

   45°   90°   180°

3. Keith wants to purchase a hockey stick for $35.00, shin pads for $10.00 and a mouthguard for $10.50.

   How much money does he need altogether to buy the items? $ ....

4. $7\overline{)168}$

5.   2374
   +   3135
   ....

   ....

6. 0.3 + 0.3 = ...

7.   842
   −   56
   ....

   ....

8. 24 ÷ 6 = ...

For Questions 9 and 10, write how many hours have passed.

9. 11.15 pm to 1.15 am = ... hours

10. 10.15 am to 1.15 pm = ... hours
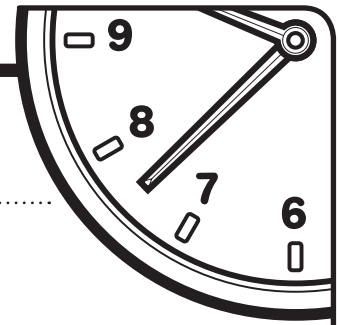
My score: $\frac{}{10}$ **My time:** ....
                                          minutes   seconds

Minute 32

1. 8) 280

2.　　6208
　　+　1913
　　..............

　　..............

3. 50 – 35 = ...

4. Circle the figure that is **congruent** (same shape and size) to the shaded figure.

A　　　B　　　C

5. Complete the pattern.　　10, 20, 30, ..., ..., ...

6.　　785
　　–　96
　　...........

　　...........

7.　　156
　　x　4
　　...........

　　...........

8. $10.00 – $3.40 = ...

9. What is the perimeter of the triangle? .... mm

3 mm
10 mm
11 mm
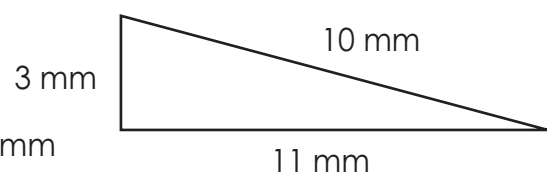
10. What is the next number in the pattern?

0.7, 0.8, 0.9, ...

My score: ___
10

My time: ....
　　　　　　　　minutes　　　　seconds

Minute 33

Name: .... **Date:** ....

1. 1 – 0.3 = ...

2.   821
     –   79
     ....
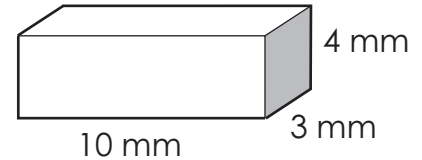
   ....

3. The **volume** of the shape is .... cubic millimetres.

   length x width x height = volume

4 mm
3 mm
10 mm

For Questions 4 and 5, circle the name of the angle.
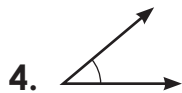
4.   acute   scalene   obtuse
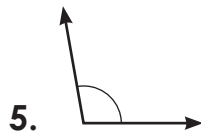
5.   acute   scalene   obtuse

6. Lila bought a sandwich for $5.25 and a drink for $1.75. She paid with a ten-dollar note.

   How much change did she receive? $ ....

7. $6 \overline{)270}$

Write <, > or = to complete Questions 8 to 10.

8. 945 954

9. 1254 5421

10. 542 425

My score: _____
10

My time: ....
               minutes   seconds

Minute 34

1. 0.2 + 0.2 = ...

2.   945
  −   89
  ....

  ....

3. $10.00 – $7.90 = ...

4. Brian has a box of 16 crayons. He takes half of the crayons out of the box.

   How many crayons are left in the box? .... crayons

5.   7526
 + 2484
  ....

  ....

6. Eric has 45 pieces of licorice. He gives all of them away by sharing them equally among his 3 brothers. How many pieces of licorice does each brother get?

   .... pieces

7.   513
 x   7
  ....

  ....

8. 6$\overline{)252}$

For Questions 9 and 10, circle the value of the underlined digit

9. 2.<u>1</u> =   1 one   1 tenth   1 hundredth

10. <u>2</u>.1 =   2 ones   2 tenths   2 hundredths

My score: _____
10
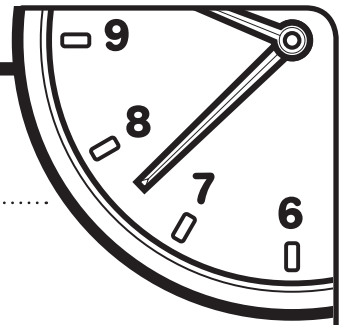
My time: ....
                     minutes   seconds

Minute 35

Name: .... **Date:** ....

2

1. What is the **perimeter** of the shape? .... units

8
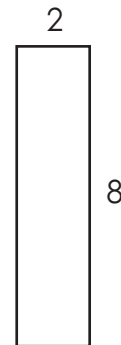
2. $8\overline{)416}$

3. The abbreviation for centimetre is ....

4. Diana earns $3.50 for every hour of babysitting.

   If she babysits for 3 hours tonight, how much money will she earn? ....

5.   2352
   +   1292
   ....

   ....

6. 70 + 80 = ...

7. Circle the best estimate for the angle.

   | 45°   90°   180° |
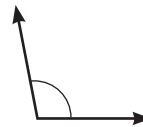
For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{2}{4}$ = ...
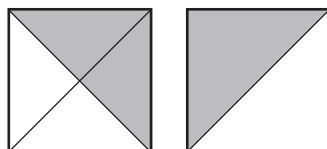
9. $\dfrac{2}{8}$ = ...
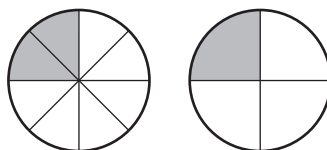
10. $\dfrac{2}{6}$ = ...
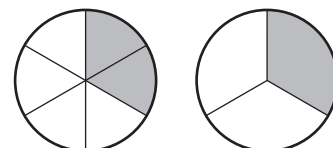
My score: $\dfrac{}{10}$

My time: ....
                 minutes   seconds

Minute 36

Name: .... **Date:** ....

1. There are 16 shells and 4 of them are white.

   What fraction of the shells are white? ....

2.　 545
   　x　 4
   　...........

   　...........

3.　 2671
   　+ 3619
   　..............

   　..............

4. 7$)\overline{441}$

5. An **octagon** has .... sides and .... angles.

6. What is the **difference** between 24 and 36? ....

7. What kind of angle is this? ....
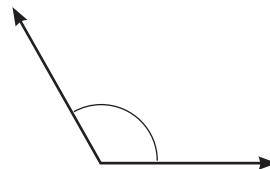
Use the bar graph to complete Questions 8 to 10.

8. How many books did Room 16 read? .... books

9. Which two classes read an equal number of books? .... and ....

10. If there are 15 students in Room 12, what is the average number of books read per student?

   .... books per student

   Number of books read

   Books read (y-axis): 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

   Room 10, Room 12, Room 14, Room 16
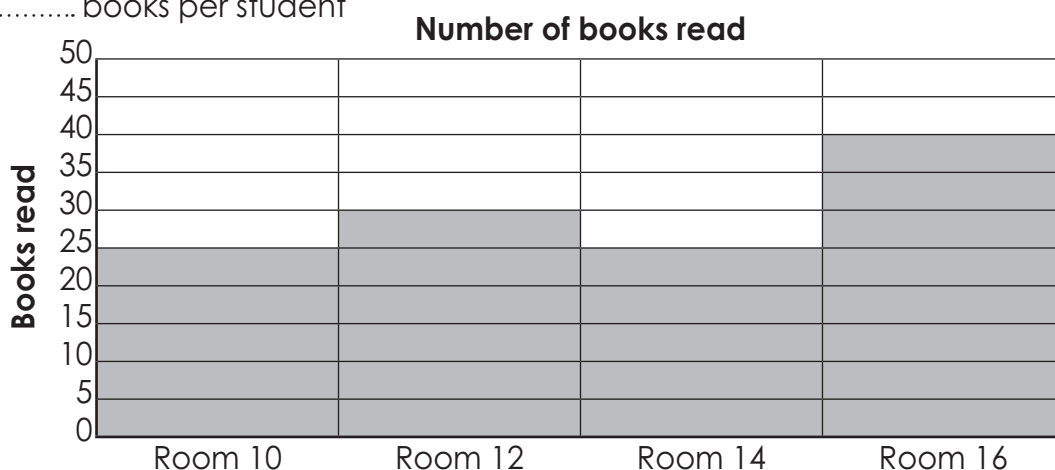
My score: $\frac{}{10}$

My time: ....

   minutes   seconds

Minute 37

Name: .... **Date:** ....

1. Write the fraction of the shaded area. ....
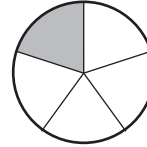
2. What is the **sum** of 15 and 12? ....

3.   3614
   + 2902
   ....

   ....

4. The **perimeter** of the shape is .... centimetres.

5.   717
   x   6
   ....

   ....
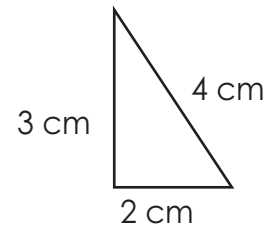
6. The expanded form of 92 157 is .... + ... + ... + ... + ...

7.   862
   –   84
   ....

   ....

8. 6$\overline{)504}$

For Questions 9 and 10, circle the digit in the thousands place.

9. 74 865

10. 98 345
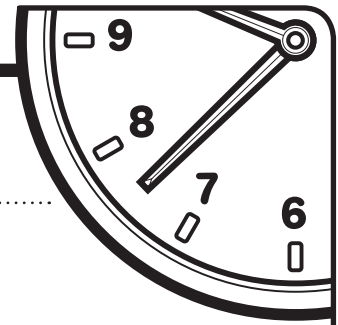
My score: _____
10

My time: ....
            minutes   seconds

Minute 38

1. $7 \overline{)49}$

2. 56 + 42 = ...

3. 12 ten-cent pieces = $ ....

4. The radius of the circle is .... cm.
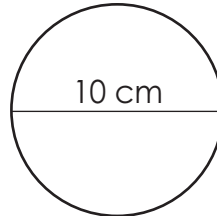
10 cm

5. Circle the best estimate for the line segment $\overrightarrow{AB}$.

   2 cm   5 cm   10 cm

   A ⊢————————⊣ B

6. Circle the best estimate for triangle ∠ ABC.

   70°   90°   100°

   C

   A

   B
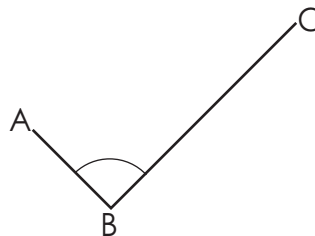
7. If a three-pack of light globes costs $10.05, how much does each globe cost?

   ....

8. There are .... minutes in 3 hours.

9. 92 x 10 = ...

10. $7 \overline{)392}$

My score: ___
10

My time: ....
          minutes   seconds

Minute 39
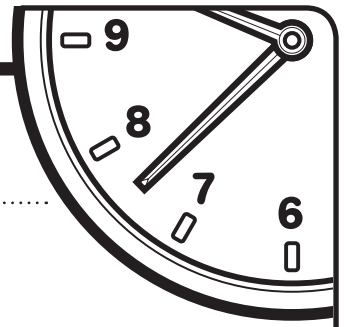
1. 18 ÷ 3 = ...

2. Twenty-one is an even number.

   Circle: **True**   or   **False**

3. 0.4 + 0.2 = ...

4.   847
   −   59
   ....

   ....

5.   8915
   + 3805
   ....

   ....

6. The expanded form of 2804 is .... + ... + ...

7.   142
   x   7
   ....

   ....

8. $6\overline{)270}$

For Questions 9 and 10, write +, − or x to make the sentence true.

9. 4 x 2 ☐ 2 = 16

10. 5 x 6 ☐ 5 = 25

My score: $\dfrac{\quad}{10}$ **My time:** ....
                                                      minutes   seconds

Minute 40

Name: .... **Date:** ....

1. 35 ÷ 7 = ...

2.   846
   −   38
   ....

   ....
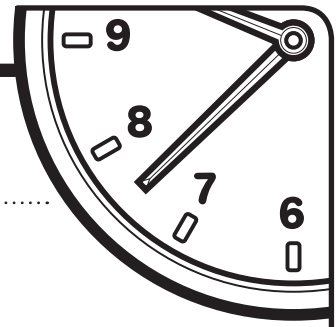
3. A **pentagon** has .... sides and .... angles.

4. Complete the pattern.   16, ..., 32, 40, 48, 56

5.   8465
   + 8165
   ....

   ....

6. 48 ÷ 6 = ...

7.   354
   x   6
   ....

   ....

For Questions 8 to10, round the number to the nearest hundred.

8. 136   ....

9. 845   ....

10. 854   ....

My score: $\dfrac{\quad\quad}{10}$ **My time:** ....
                                                    minutes   seconds

Minute 41

Name: .... **Date:** ....

1. 3 x 4 = 12   Which number is the **product**? ....

2. Circle the best estimate for the angle.

30°   90°   120°
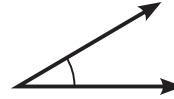
3. Pia wants to purchase a pair of in-line skates for $30.50, a pair of knee pads for $8.25, and a pair of wrist guards for $10.00.

   How much money does she need altogether to buy the items? $.................. .

4. 20$\overline{)40}$

5.   7945
   + 6852
   ....

   ....

6.   120
   x   7
   ....

   ....

7.   2948
   −   487
   ....

   ....

8. Max walks 2 dogs. Ben walks 3 dogs. Milo walks 5 dogs.

   How many dogs do they walk altogether? .... dogs

For Questions 9 and 10, write how much time has passed.

9. 4.15 am to 6.25 am = ... hours and .... minutes

10. 7.15 pm to 10.45 pm = ... hours and .... minutes
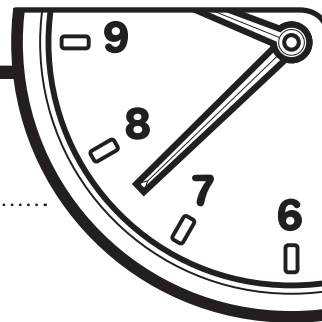
My score: $\frac{}{10}$

My time: ....
                    minutes   seconds

Name: .... **Date:** ....

1. $9\overline{)81}$

2. 9645
  + 7312
  ....

  ....

3. 91 – 50 = ...

4. Circle the figure that is similar to the shaded figure.
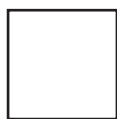
    A   B   C   D

5. Continue the pattern.   6, 9, 12, 15, 18, ..., ..., ...

6.   206
  x   4
  ....

  ....

7.   9345
  –   585
  ....

  ....

In Questions 8 to 10, does the figure have a line of symmetry? Write yes or no. If yes, draw the line of symmetry.

8.   ....   9.   ....

10.   ....
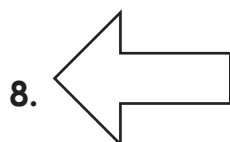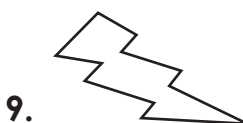
My score: $\dfrac{}{10}$

My time: ....
                  minutes   seconds

Minute 43

Name: .... **Date:** ....

1. $7 \overline{)21}$

2.　　8638
　　−　758
　　...............

　　...............

3. The **volume** of the shape is .... cubic centimetres.

   length x width x height = volume

   10 cm

   2 cm　2 cm

4.　　4615
　　+　9375
　　...............

　　...............
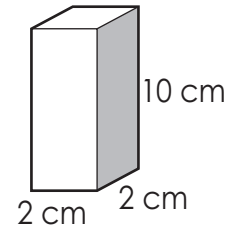
5. Gus bought a bag of potatoes for $5.50 and two bananas for $0.50. He paid with a twenty-dollar note.

   How much change did he receive? $............

6. Write the fraction of the shaded area. ....
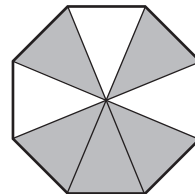
7. $5 \overline{)635}$

Use <, > or = to complete Questions 8 to 10.

8. 0.8 1

9. 7099 7101

10. $\dfrac{1}{2}$ .... $\dfrac{1}{5}$

My score: _____

10

My time: ....
　　　　　　　minutes　　　seconds

Name: .... **Date:** ....

1. $6 \overline{)906}$

2.   3497
   −   595
   ....

   ....

3.   8613
   + 5916
   ....

   ....

4. Maya has 6 pairs of shorts and $\frac{1}{3}$ of them are blue.

   How many pairs of blue shorts does she own? .... pairs

5. What is the place value of 7 in 9.7? ....

6. 0.5 + 0.1 = ...

7.   508
   x   7
   ....

   ....

Write <, > or = to complete Questions 8 to10.

8. 1 kg .... 1000 g

9. 1 g .... 500 kg

10. 200 g .... $\frac{1}{2}$ kg

My score: _____
 10

My time: ....
                 minutes   seconds

Minute 45
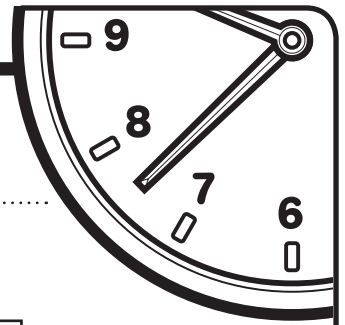
Name: .... **Date:** ....

1. The **area** of the shape is .... square metres.

   (length x width = area)

   6 m

   9 m

2. 66 ÷ 11 = ...

3.   7615
   –   807
   ....

   ....
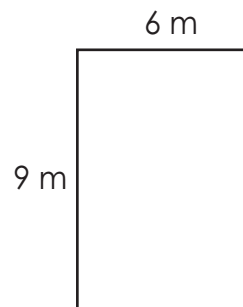
4. There are 12 pencils in a box and each pencil costs five cents.

   If Henry wants to buy the whole box, how much money does he need? c

5.   7107   6.   214
   +   3987   x   7
   ....

   ....

7. Halve 70 = ...

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{4}{6}$ = ...
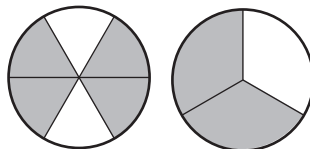
9. $\dfrac{9}{18}$ = ...
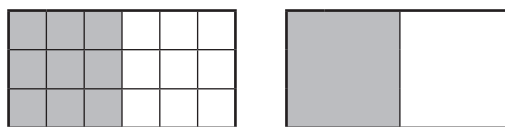
10. $\dfrac{6}{18}$ = ...
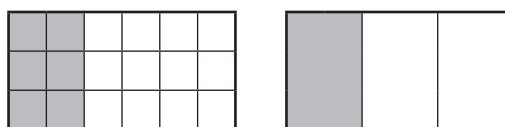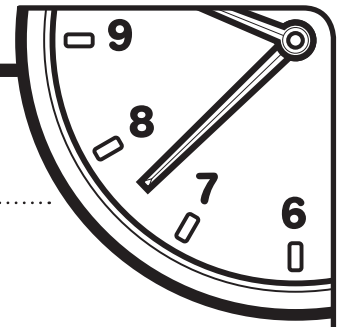
My score: _____
10

My time: ....
minutes   seconds

Name: .... **Date:** ....

1. 60 ÷ 15 = ...

2. 222
    x   4
    ....

    ....

3. 8685
    –   758
    ....

    ....

4. 7641
    + 3948
    ....

    ....

5. A **hexagon** has .... sides and .... angles.

6. $20.00 – $18.20 = $............

7. Judi has 53 stickers. She gives 13 to her best friend.

   How many stickers does Judi have left? .... stickers

Use the line graph to complete Questions 8 to 10.

8. Two days a week, Josh's only job is to take the dog for a walk. On which two days of the week does he most likely walk the dog?

   .... and ....

9. One day a week, Josh must do his own jobs and help his family clean. On which day does he most likely help the family clean?

   ....

10. On which day does Josh not have any jobs? ....

Time spent doing jobs
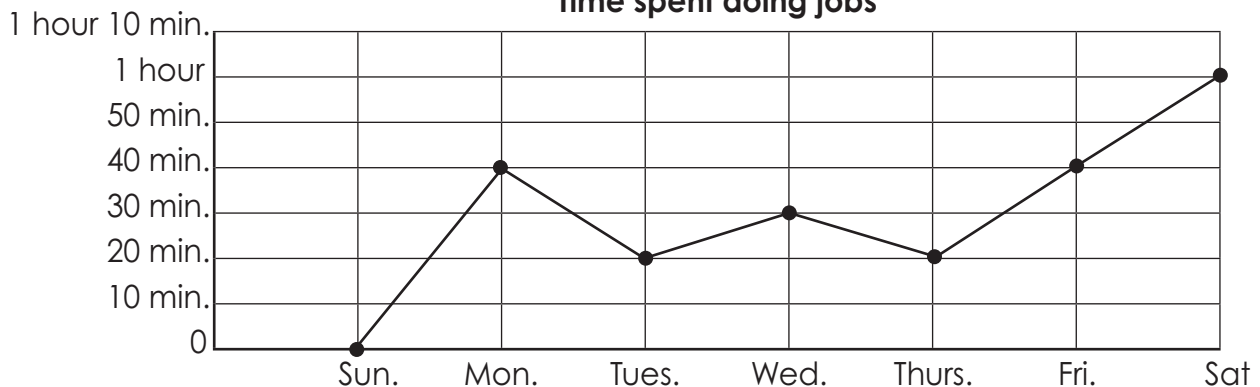
My score: ⎯⎯⎯⎯ 10

My time: ....
            minutes   seconds

Minute 47
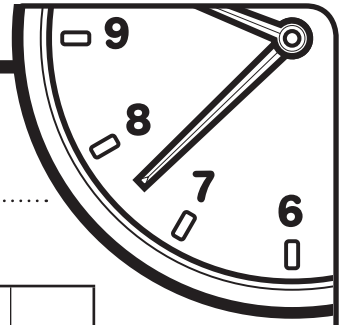
Name: .... **Date:** ....

1. Write the fraction of the shaded area. ....
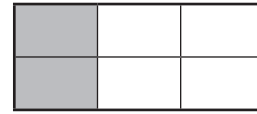
2. 88 ÷ 11 = ...

3.   8695
   −   786
     ....

     ....

4. The perimeter of the shape is .... centimetres.

5.   3915
   + 7968
     ....

     ....
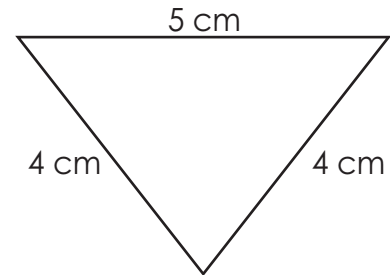
6. The expanded form of 6543 is .... + ... + ... + ...

7.   522
   x   6
     ....

     ....

8. What is the **difference** between 32 and 40? ....

For Questions 9 and 10, circle the digit in the tens place.

9. 76 849

10. 54 865

My score: _____
10

My time: ....
minutes   seconds

Minute 48

1. 212 x 10 = ...

2. 56 ÷ 8 = ...

3. 20 twenty-cent pieces = $ .... (20 x 20c)

4. 51 + 38 = ...

5.   4357
    + 3862
    ....

    ....

6. Joanie is buying dog biscuits for the animal shelter. Brand A is on sale for two boxes for $4.50. Brand B is on sale for $2.50 per box.

   Which brand has the better deal? ....

7.   2693
    −   689
    ....

    ....

8. There are .... minutes in 4 hours.

9.   515
    x   6
    ....

    ....

10. 42 ÷ 7 = ...

My score: $\frac{\quad\quad}{10}$ **My time:** ....
                                                              minutes   seconds

48 Maths minutes
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Minute 49

1. There are 42 pairs of shoes for sale at the shoe shop.

   How many individual shoes are there in all? .... individual shoes

2. Thirty-eight is an odd number.

   Circle: **True**   or   **False**

3. What is the **sum** of 54 and 20? ....

4. $5 \overline{)440}$

5.   6758
   + 8624
   ....

   ....

6. The expanded form of 2085 is .... + ... + ...

7.   3922
   –   841
   ....

   ....

8.   642
   x   7
   ....

   ....

For Questions 9 and 10, write +, – or x to make the sentence true.

9. 20 x 10 .... 10 = 190

10. 2 x 30 .... 60 = 120

My score: $\dfrac{}{10}$

My time: ....
minutes   seconds

Minute 50

Name: .... **Date:** ....

1. 40 ÷ 8 = ...

2.   8238
  −   546
  ....

  ....

3.   8768
  + 3531
  ....

  ....

4. 24 ÷ 8 = ...

5. Complete the pattern.   21, ..., 35, 42, ..., 56, 63

6.   312
  x   3
  ....

  ....

7. 30 ⟌ 60

For Questions 8 to 10, round the number to the nearest thousand. Circle the answer.

8. 1849 rounds to   1000   2000

9. 2448 rounds to   2000   3000

10. 3894 rounds to   3000   4000

My score: _____
10

My time: ....
            minutes   seconds

Minute 51

Name: .... **Date:** ....

1. Bailey has 49 dog biscuits and 7 dogs. If she gives each dog a single biscuit each day, how many days will the biscuits last?

   .... days

2. Circle the best estimate for the angle.

   | 30°   90°   120° |
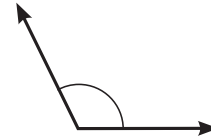
3. $5\overline{)150}$

4. Lester has a new dirt bike. He wants to purchase a helmet for $115.00, a pair of motocross pants for $50.00 and new gloves for $12.00.

   How much money does he need altogether to buy the items? $................. .

5.   7823
   + 9435
   ....

   ....

6.   112
   x   7
   ....

   ....

7.   3054
   –   948
   ....

   ....

8. Which point is at coordinate (3, 2)? ....
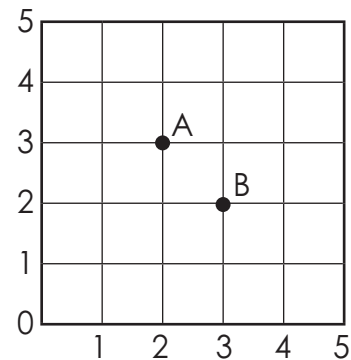
For Questions 9 and 10, write how many hours have passed.

9. 8.10 pm to 3.10 am = ... hours

10. 9.00 am to 2.00 pm = ... hours

My score: _____ / **10**

My time: ....
              minutes   seconds

Minute 52

1. $5 \overline{)120}$

2. $7 \overline{)98}$

3. 62 – 42 = ...

4. Circle the figure that is **congruent** to the shaded figure.
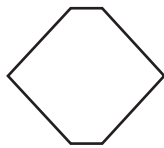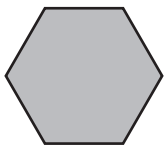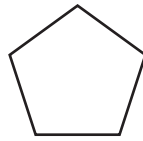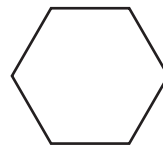
A   B   C   D

5. Forty-three is an even number.

Circle: **True**   or   **False**

6. Continue the pattern.   15, 20, 25, 30, ..., ..., ...

7.   4899
    –   687
    ....

    ....

8. If 2^2 = 2 x 2 = 4, then 3^2 = ...

9. 7 + 9 + 6 = ...

10. Circle the best estimate for the line segment $\overrightarrow{AB}$?

    5 cm   7.5 cm   15 cm   A |—————————————————| B

My score: $\dfrac{}{10}$ **My time:** ....
                                                          minutes   seconds

Minute 53

Name: .... **Date:** ....

1. $4 \overline{)484}$

2. Evan has a 10-page report to write. If he has already written 4 pages, what fraction of the report has he written?

   ....

3. The volume of the shape is .... cubic centimetres.

   (length x width x height = volume)

   2 cm

   4 cm

   12 cm

4.   8782
   +   8184
   ....

   ....
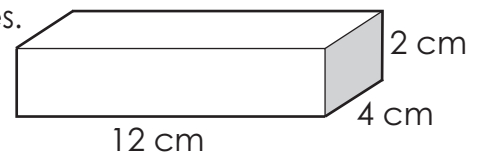
5. Celia bought four apples for $0.50 each. She paid with a five-dollar note.

   How much change did she receive? $............

6.   635
   x   5
   ....

   ....

7.   7538
   –   617
   ....

   ....

Write <, > or = to complete Questions 8 to10.

8. ....

9. ....

10. ....

My score: ___
10

My time: ....
minutes   seconds

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Maths minutes   53
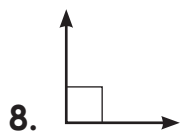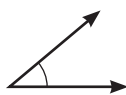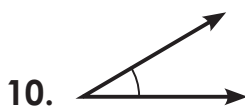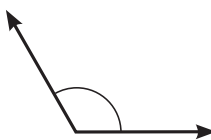
Minute 54

1. Lacey and Jake each have a pair of skates with four wheels on each skate.

   How many wheels do they have altogether? .... wheels.

2.   126
   x   5
   ....

   ....

3. $32 \div 8 =$ ....

4. Josh has 12 computer games. He received $\frac{1}{4}$ of them for his birthday.

   How many computer games did he receive for his birthday? .... games

5.   5315
   +   3948
   ....

   ....

6. $1.2 + 2.3 =$ ....

7. Ninety-seven is an odd number.

   Circle: **True**   or   **False**

8. $\frac{1}{3} + \frac{1}{3} =$ ....

For Questions 9 and 10, write the value of the bold digit.

9. 6.**3** = ...

10. 5.4**5** = ...

My score: ———
10

My time: ....
              minutes   seconds
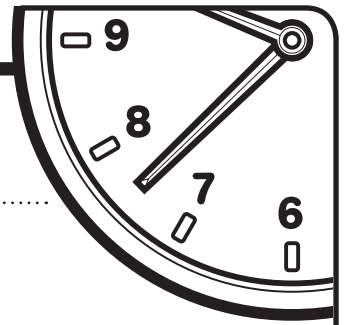
54 Maths minutes
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Minute 55

Name: .... Date: ....

1. The **area** of the shape is .... square metres.

30 m
10 m

2.   849
    x   6
    ....

    ....

3. 6) 156

8 cm
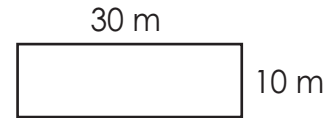
4. If the diameter of a circle is 8 cm, then the radius is .... cm.
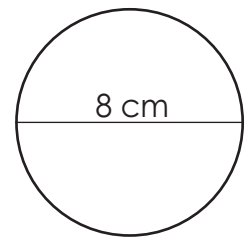
5. 5^2 = 5 x 5 = ...

6. 29 ÷ 7 = ... r ....

7. Cooper has 35 toy cars. He gives 14 to a friend.

   How many cars does Cooper have left? .... cars

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{1}{2} = \dfrac{\Box}{4}$

9. $\dfrac{1}{3} = \dfrac{\Box}{9}$

10. $\dfrac{1}{5} = \dfrac{\Box}{10}$
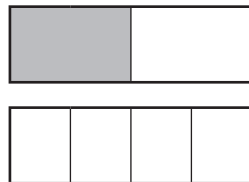
My score: $\dfrac{}{10}$

My time: ....
                    minutes   seconds

Minute 56

Name: .... **Date:** ....

1. 72 ÷ 8 = ...   2. 82 – 9 = ...

3. Montana needs 40 chocolate squares for her recipe. If each chocolate bar has 8 squares, how many chocolate bars does she need?

    .... bars

4. 30 x 4 = ...

5. A **hexagon** has .... sides and .... angles.

6.   342
    x   5
    ....

    ....

7. 1.2 + 0.5 = ...

Use the bar graph to complete Questions 8 to 10.

8. Which two students swam the greatest number of laps? .... and ....

9. Students had to swim a minimum number of laps. Four students swam only the minimum.

    What was the minimum number of laps? .... laps

10. Who swam the greater number of laps: Jake or Zoe? ....

Laps swum by each student

11										
Eve	Ivy	Ed	Anna	Hank	Max	Sam	Jake	Zoe	Cleo
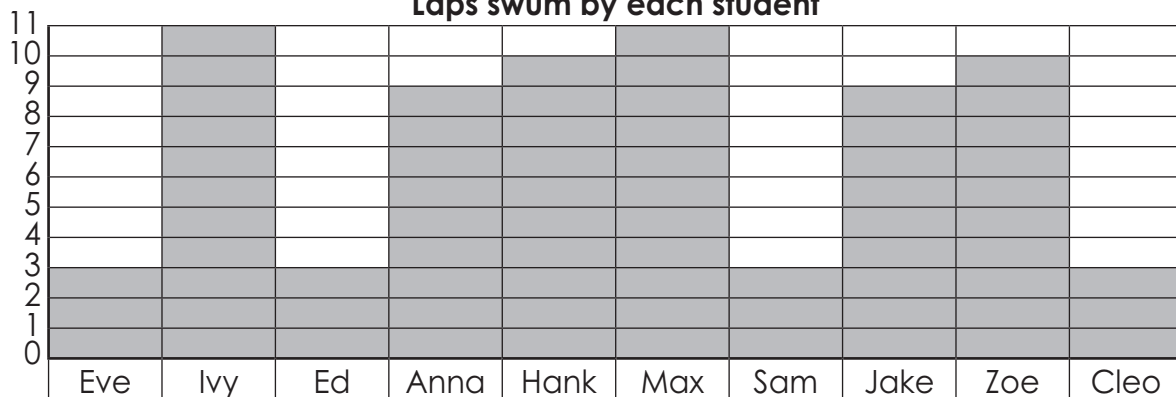
My score: ____ / **10**

My time: ....
                    minutes   seconds

Minute 57

Name: .... **Date:** ....

1. Marco wants to make 8 cupcakes for each of his 8 cousins.

   How many cupcakes does he need to make in all? .... cupcakes

2. The letter B is symmetrical.

   Circle: **True** or **False**

3. $\frac{2}{3} - \frac{1}{3} =$ ....

4. The perimeter of the shape is .... cm.

5.
   ```
        8097
   +    5035
   ............
   ```
   ....
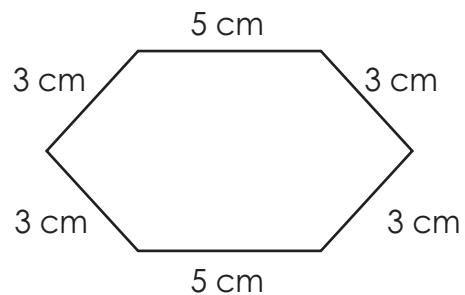
6. The expanded form of 8402 is .... + ... + ...

For Questions 7 and 8, circle the decimal to match the fraction.

7. $\frac{6}{10} =$ 　　0.6　　　0.06

8. $\frac{2}{100} =$ 　　0.2　　　0.02

For Questions 9 and 10, circle the digit in the hundreds place.

9. 9457

10. 8978

My score: _____
10

My time: ....
minutes　　　　　　seconds

Minute 58

1. 42 ÷ 7 = ...

2. 12 twenty-cents pieces = $...........

3. Chloe buys a ten-pack of gel pens for $7.50.

   How much did each pen cost? c

For Questions 4 to 6, circle the fraction to match the decimal.

4. 0.5 = $\dfrac{5}{1}$ $\dfrac{5}{10}$ $\dfrac{5}{100}$

5. 0.06 = $\dfrac{6}{10}$ $\dfrac{6}{100}$ $\dfrac{60}{100}$

6. 0.9 = $\dfrac{9}{1}$ $\dfrac{9}{10}$ $\dfrac{9}{100}$

7. 37 + 22 = ...

8. 120 seconds = ... minutes

9. 32 ÷ 6 = ... r ....

10. 95 x 100 = ...

My score: $\dfrac{}{10}$ **My time:** ....
              minutes   seconds

Minute 59

Name: .... **Date:** ....

1. There are 15 cats. If 5 of the cats are striped, what fraction of the cats are striped?

   ....

2. Thirty-eight is an even number.

   Circle: **True** or **False**

3. 3.2 + 0.5 = ...

4.   8760
   + 3864
   ....

   ....

5. The expanded form of 54 822 is .... + ... + ... + ... + ...

For Questions 6 and 7, circle the decimal to match the fraction.

6. $\dfrac{8}{100}$ =   8.0   0.8   0.08

7. $\dfrac{75}{100}$ =   75.0   7.5   0.75

8. $11\overline{)110}$

For Questions 9 and 10, write +, – or x to make the sentence true.

9. 15 + 5 [   ] 5 = 15

10. 69 ÷ 3 [   ] 1 = 24

My score: ____
10

My time: ....
              minutes   seconds

Minute 60

1. There are 40 books on the first bookshelf and 55 books on the second bookshelf.

   How many books are there altogether? .... books

2. 40 ÷ 8 = ...

For Questions 3 to 5, name the decimal for the written fraction.

3. two-tenths

0.2	0.02	2.0

4. one and eight-hundredths

1.8	1.08	0.18

5. five and six-tenths

5.6	5.06	0.56

6. Complete the pattern.   27, ..., 45, 54, 63, 72, ..., 90

7. $12\overline{)144}$

For Questions 8 to 10, round the number to the nearest hundred.

8. 754   ....

9. 745   ....

10. 475   ....

My score: $\frac{}{10}$
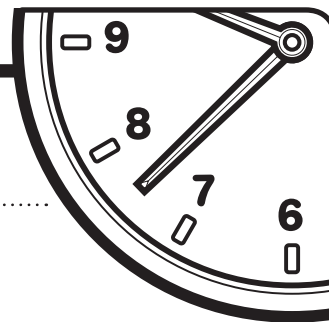
My time: .... minutes   .... seconds

Minute 61

Name: .... **Date:** ....

1. 3$\overline{)351}$

2. Circle the best estimate for the angle.

30°	90°	120°
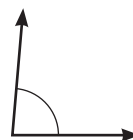
3. Daniela wants to buy a basketball for $15.00 and a new pair of sneakers for $75.50.

   How much money does she need altogether to buy the items? $..................

4. Ryan has 25 marbles. He gives away 8 marbles.

   How many marbles does he have left? .... marbles

For Questions 5 to 7, circle the best answer for each.

5. An grasshopper is about .... long.

3 mm	3 cm	3 m

6. Tyler rode his bicycle .... in 30 minutes.

10 cm	10 m	10 km

7. The height of a telephone pole is about ....

8 cm	8 m	8 km

8. Which point is at coordinate (2, 2)? ....
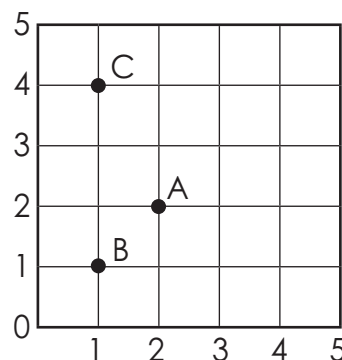
For Questions 9 and 10, write how many hours have passed.

9. 7.15 am to 4.15 pm = ... hours

10. 5.30 pm to 3.30 am = ... hours

My score: $\frac{\qquad}{10}$

My time: ....
minutes   seconds

Minute 62

1. 6 ÷ 6 = ...

2. Continue the pattern.   21, 28, 35, 42, ..., ..., ...

3.   2145
    x   3
    ....

    ....

4. Circle the figure that is **congruent** to the shaded figure.

A   B   C   D
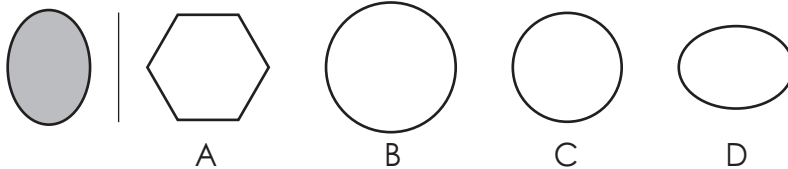
In Questions 5 and 6, which unit would you choose to measure each? Circle the answer.

5. height of an adult   mm   cm   m   km

6. length of a river   mm   cm   m   km

7. 65 – 53 = ...

For Questions 8 to 10, circle the name of the triangle.

8. equilateral   isosceles   scalene

7   8
13
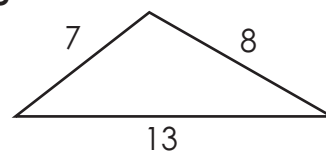
9. equilateral   isosceles   scalene

7   7
4
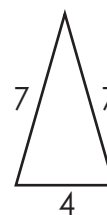
10. equilateral   isosceles   scalene

8
3
6
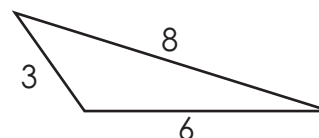
My score: ____
10

My time: ....
minutes   seconds

Minute 63
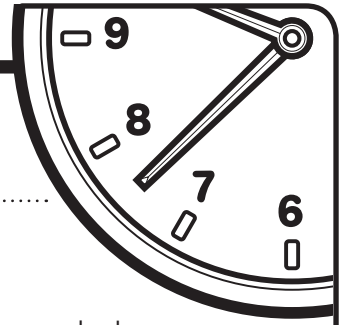
1. John has 4 packets of batteries. There are 10 batteries in each packet.

   How many batteries does he have altogether? .... batteries

2.   234
   x   2
   ....

   ....

3. The **volume** of the shape is .... cubic millimetres.

   (length x width x height = volume)

   2 mm

   6 mm

   10 mm
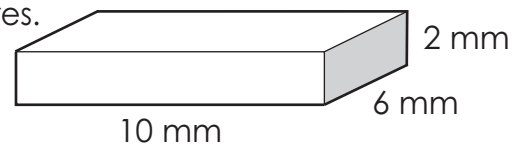
4. Jason bought a movie ticket for $5.50 and popcorn for $3.35.

   How much did he spend? $............

5. $8\overline{)168}$

6. An equilateral triangle has only two congruent sides.

   Circle: **True**   or   **False**

7. The expanded form of 56 492 is .... + ... + ... + ... + ...

Write <, > or = to complete Questions 8 to 10.

8. 5645 4655

9. 498 489

10. 546 645

My score: _____
     10

My time: ....
              minutes   seconds

Minute 64

1. $5\overline{)70}$

2. There are 81 butterflies altogether. There are only 9 types of butterflies. If there are an equal number of each type of butterfly, how many butterflies are there of each type?

   .... butterflies

3.   216
     x   5
     ....

     ....

4. Kyra has a box of 42 chocolates. If $\frac{1}{6}$ of the box are caramels, how many caramels are in the box?

   .... caramels

5. A right-angled triangle has only one right angle.

   Circle: **True**   or   **False**

6. $\frac{1}{4} + \frac{2}{4} =$ ....

7. Lines that never cross are called **parallel**.

   Circle: **True**   or   **False**

8. 2.5 + 5.4 = ...

For Questions 9 and 10, write the value of the bold digit.

9. 8.**5**4 = ...

10. 8.5**4** = ...

My score: _____
10

My time: ....
minutes   seconds

Minute 65
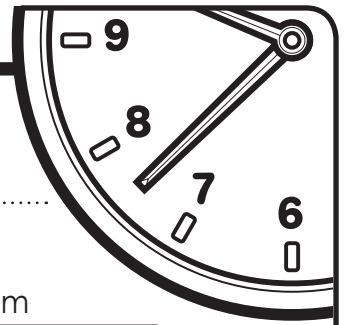
Name: .... **Date:** ....

1. The **area** of the shape is .... square metres.

   8 m

   4 m

2. There are 30 students and 6 of them wear sandals.

   What fraction of the students wear sandals? ....

3. Lines that cross are called **intersecting**.

   Circle: **True** or **False**

4. There are 15 collector cards in a packet, and each card is $0.15. If Ed wants to buy the whole packet, how much money does he need?

   $ ....

5.   94 685
   +   4 058
   ....

   ....

6. 29 ÷ 7 = ... r ....

7. 105 – 7 = ...

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{1}{3} = \dfrac{2}{6} = \dfrac{\boxed{}}{12}$

9. $\dfrac{1}{4} = \dfrac{2}{8} = \dfrac{\boxed{}}{16}$

10. $\dfrac{1}{2} = \dfrac{2}{4} = \dfrac{\boxed{}}{12}$
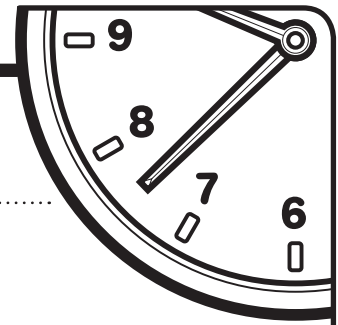
My score: _____
10

My time: ....
                    minutes   seconds

Minute 66

1. There are 9 wolf spiders and 18 house spiders.

   How many spiders are there altogether? .... spiders

2. (2 x 50c) + (5 x 5c) = $ ....

3. (1 x $2) + (4 x 20c) = $ ....

4. 2.4 + 1.3 = ...

5. All squares are rectangles.

   Circle: **True**   or   **False**

6. 53 ÷ 7 = ... r ....

7. Lines that intersect at right angles are called **parallel**.

   Circle: **True**   or   **False**

Use the line graph to complete Questions 8 to 10.

8. Which month had the greatest number of birthdays? ....

9. Which two months each had three birthdays?

   .... and ....

10. Are there more birthdays from January to June or from July to December?

    .... to ....
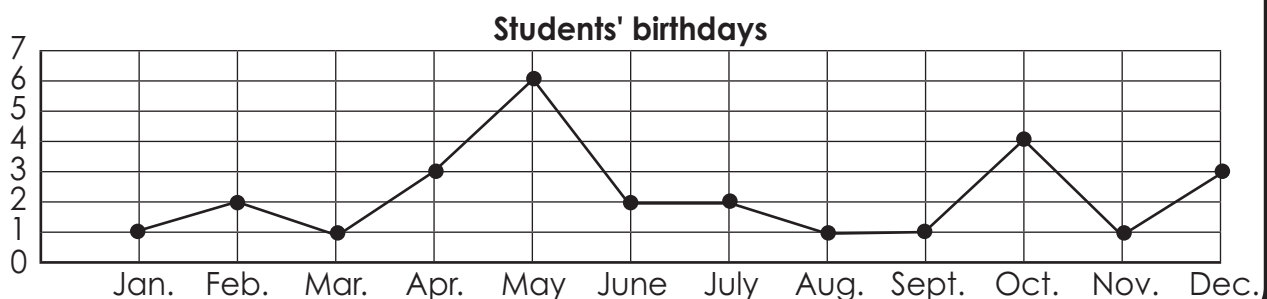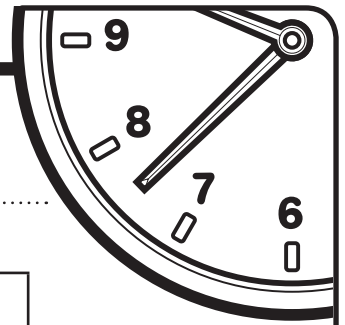
Students' birthdays

Minute 67

Name: .... **Date:** ....

1. Write the fraction of the shaded area. ....

2.   41 098
   + 64 502
   ....
   ....

3.   321
   x   6
   ....
   ....
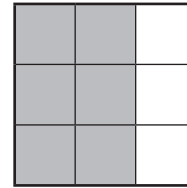
4. What is the perimeter of the shape? .... units
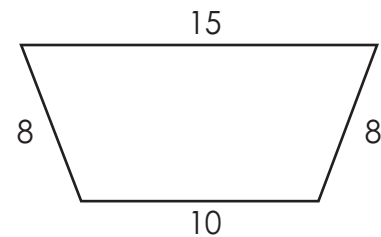
5. 8)96

6. The expanded form of 40 054 is .... + ... + ...

7. Name this 2-D shape. ....
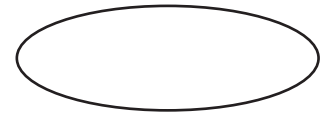
8. There are 12 wolves in a pack and 3 leave the pack.

   How many wolves remain in the pack? .... wolves

For Questions 9 and 10, circle the digit in the thousands place.

9. 74 165

10. 86 495

My score: _____
     10

My time: ....
                 minutes   seconds

Minute 68

1. 64 ÷ 8 = ...

2. 56 + 33 = ...

3. (20 x 5c) + (8 x 10c) = $ ....

4. 103 – 8 = ...

5.   244
     x   3
      ....

      ....
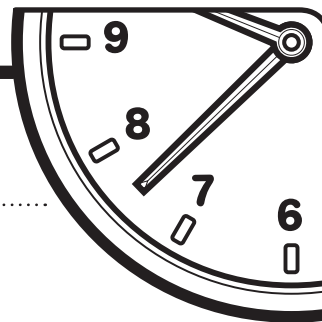
6. Sherri buys a bag of 100 elastic bands for $3.00.

   How much does each band cost? c

Use the figure to complete Questions 7 and 8.

7. Write the diameter. .... cm

8. Calculate the radius. .... cm

9. 725 x 1000 = ...

10. 48 ÷ 7 = ... r ....

12 cm

My score: $\frac{\quad\quad}{10}$

My time: ....
                    minutes   seconds
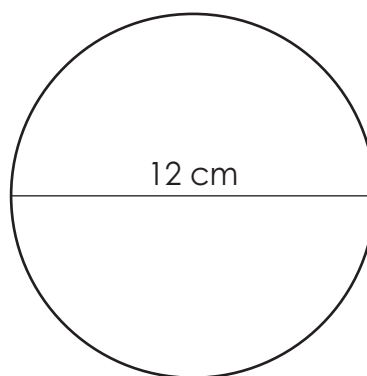
68   **Maths minutes**
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Minute 69
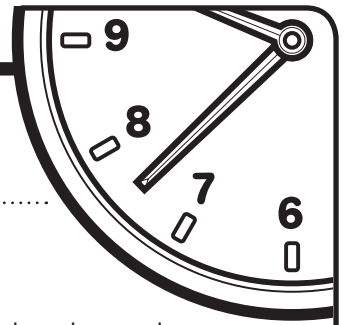
Name: .... **Date:** ....

1. There are 3 tractors with 4 wheels each and 4 tractors with 8 wheels each.

   How many wheels are there in all? .... wheels

2. Forty-five is an odd number.

   Circle: **True**   or   **False**

3. $30 \div 8 =$ .... r ....

4. The expanded form of 20 850 is .... + ... + ...

For Questions 5 to 7, circle the correct decimal.

5. two and two-tenths

   | 20.0 | 2.0 | 2.2 | 0.02 |

6. forty-two hundredths

   | 0.42 | 4.20 | 0.042 | 420.0 |

7. three and one-hundredth

   | 310.0 | 31.0 | 3.10 | 3.01 |

8. $\dfrac{7}{8} - \dfrac{2}{8} =$ ....

For Questions 9 and 10, write +, – or x to make the sentence true.

9. $60 \div 3 \boxed{} 4 = 80$

10. $24 \div 6 \boxed{} 22 = 88$

My score: $\dfrac{}{10}$

My time: ....
            minutes   seconds

Minute 70

1. $35 \div 7 = $ ....

2. $\dfrac{37}{5} = 7 \dfrac{\boxed{}}{5}$

3. Write the decimal 9.1 in words. ....

4. Complete the pattern.   18, 24, ..., 36, ..., 48, 54

5. The distance around a figure is called the ....

   length   area   perimeter   width

6. $99 \div 9 = $ ....

7. $\begin{array}{r} 7504 \\ - 2448 \\ \hline \end{array}$

   ....

For Questions 8 to 10, round the number to the nearest thousand.

8. 43 159   ....

9. 34 195   ....

10. 43 951   ....

My score: $\dfrac{}{10}$

My time: ....
                          minutes   seconds

Minute 71

Name: .... **Date:** ....

1. Write seven and four-tenths as a decimal. ....

2. Circle the best estimate for the angle.

   30°   180°   210°
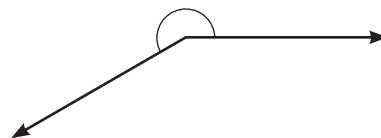
3.   7058
   x   5
   ....

   ....

4. Nathan buys two movie tickets for $15.00 each and two lunches for $3.50 each.

   How much money does he spend altogether? $............

5. A letter weighs about ....

   4 g   40 g   4 kg

6. 42 ÷ 8 = ...r ....

7. $\frac{45}{7} = 6\frac{\boxed{}}{7}$
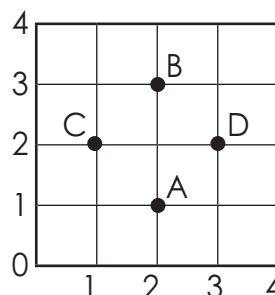
8. Which point is at coordinate (2, 3)? ....

In Questions 9 and 10, which would you choose to measure the capacity? Circle the answer.

9. a coffee cup   litres   millilitres

10. a rainwater tank   litres   millilitres

My score: $\frac{\qquad}{10}$ **My time:** ....
                                                          minutes   seconds

Minute 72

1. 63 ÷ 9 = ...

2. Continue the pattern.   27, 36, 45, 54, ..., ..., ...

3.   102
   x   7
   ....

   ....

4. Circle the figure that is **congruent** to the shaded figure.
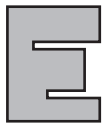
   A   B   C   D
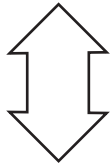
For Questions 5 and 6, circle litres or millilitres to complete each sentence.

5. The parrot drank about 7   litres   millilitres   of water.

6. The swimming pool holds about 40 000   litres   millilitres   of water.

7. 67 – 43 = ...

In Questions 8 to 10, does the figure have a line of symmetry? Write yes or no. If yes, draw a line of symmetry.

8. ....

9. ....

10. ....

My score: ____
          10

My time: ....
                minutes   seconds

72 Maths minutes
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Minute 73

For Questions 1 and 2, write the degree Celsius (°C) temperature.

1. ....°C

30
20

2. .... °C

20
10
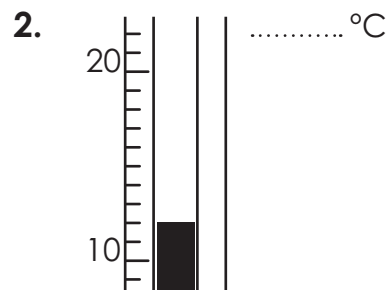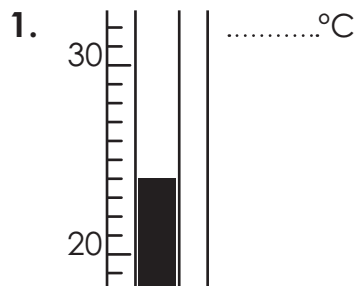
3. The **volume** of the shape is .... metres.

20 m
30 m   5 m

4.   45 098
      + 59 405
      ....

      ....
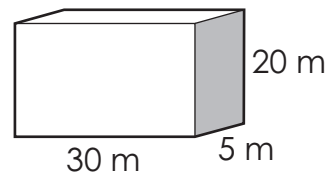
5. Helen and Emily each bought two doughnuts for $0.50 each and they shared a milk that cost $1.75.

   How much did they spend altogether? $............

6. The expanded form of 89 025 is .... + ... + ... + ...

7. There are 15 hens. If each hen lays 10 eggs a week, how many eggs will the hens lay altogether each week?

   .... eggs

Write <, > or = to complete Questions 8 to 10.

8. 3.7 km   ....   3700 m

9. 4 $\frac{1}{2}$ m   ....   405 cm

10. 13 mm   ....   1.3 cm

My score: _____

10

My time: ....
                    minutes   seconds

Minute 74

1. 6.2 + 3.1 = ...

2. Lily has a jar of 120 jelly beans. If $\frac{1}{8}$ of the jelly beans are green, how many green jelly beans are in the jar?

   .... green jelly beans

For Questions 3 to 5, write the decimal.

3. $\dfrac{24}{100}$ ....

4. $2\dfrac{3}{10}$ ....

5. $1\dfrac{9}{100}$ ....

6. $\dfrac{38}{9}$ = $4\dfrac{\boxed{}}{9}$

7. $5\overline{)130}$

Write <, > or = to complete Questions 8 to 10.

8. 1 m   ....   650 cm

9. 1 km   ....   1500 m

10. 100 g   ....   1 kg

My score: _____
10

My time: ....
                    minutes   seconds

Minute 75

Name: .... **Date:** ....

12 cm

1. The area of the shape is

   .... square centimetres.

   12 cm

2. Three children are playing. Four children join them. Five others join the group.

   How many children are now playing? .... children

3. 3.09 > 3.9

   Circle: **True**   or   **False**

4. Grace earns $3.50 an hour at the library.

   If she works for 4 hours, how much money does she earn? $............

For Questions 5 and 6, write the degree Celsius (°C) temperature.

5. 40 ... 30 ... 20   ....°C

6. 30 ... 20 ... 10   .... °C
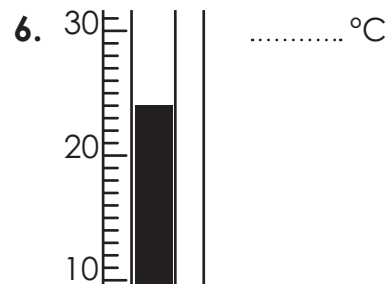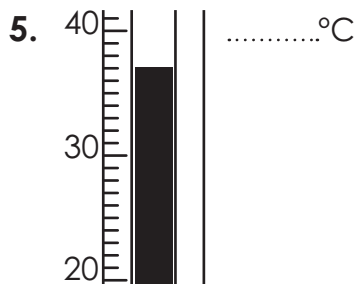
7. 84 ÷ 7 = ...

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{9}{12} = \dfrac{\boxed{}}{4}$

9. $\dfrac{6}{9} = \dfrac{\boxed{}}{3}$

10. $\dfrac{4}{10} = \dfrac{\boxed{}}{5}$

My score: $\dfrac{\quad\quad}{10}$

My time: ....
minutes   seconds

Minute 76
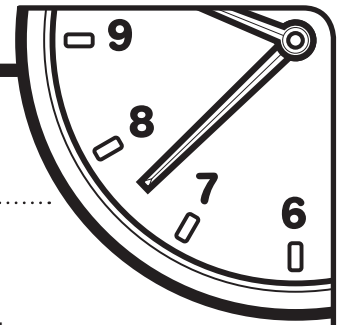
1. Henry draws 15 pictures. He gives his two aunts 4 pictures each.

   How many pictures does he have left? .... pictures

2. $\dfrac{37}{5}$ = 7 $\dfrac{\boxed{}}{5}$

3. 8.9 – 3.6 = ...

4. $\dfrac{1}{4}$ of 20 = ...

5. A .... is a parallelogram with four equal sides.

   rhombus   trapezium

For Questions 6 and 7, write the decimals from smallest to biggest.

6. 5.25   5.32   5.3   ....

7. 0.2   0.02   2.02   ....

Use the line graph to complete Questions 8 to 10.

8. Which month received the greatest amount of rainfall? ....

9. Did the amount of rainfall **increase** or **decrease** from April to June?

   ....

10. March and .... each received 0.3 cm of rainfall.

Centimetres of rain by month
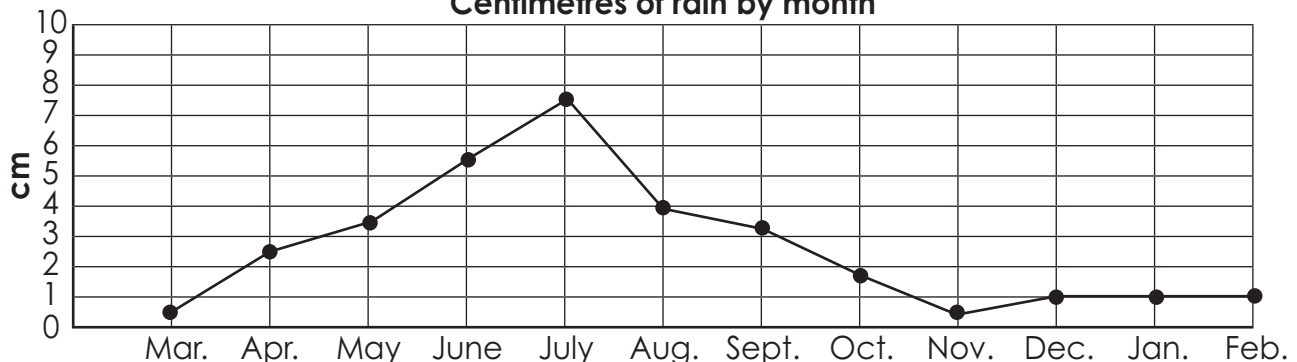
My score: $\dfrac{}{10}$

My time: ....
                    minutes   seconds

Minute 77
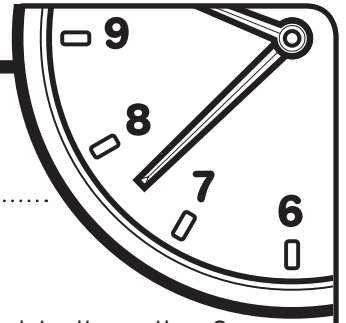
Name: .... **Date:** ....

1. If 3 cats each catch 12 mice, how many mice have they caught altogether?

   .... mice

2. $\dfrac{28}{3} = 9\,\dfrac{\boxed{}}{3}$

3. 4.62 < 4.67

   Circle: **True** or **False**
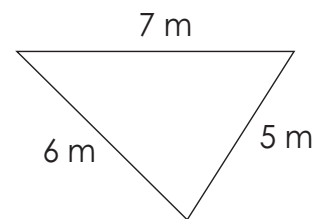
4. What is the perimeter of the shape? .... m

   7 m

   6 m   5 m

5.   16 945
   + 65 093
   ....

   ....

6. The expanded form of 4602 is .... + ... + ...

For Questions 7 and 8, write the time.

7. 30 minutes after 8.35 pm ....

8. 1 hour and 15 minutes after 2.20 pm ....

For Questions 9 and 10, circle the digit in the ten thousands place.

9. 74 086

10. 65 804

My score: ———
   10

My time: ....
   minutes   seconds

Minute 78

Name: .... **Date:** ....

1. The expanded form of 45 029 is .... + ... + ... + ...

2. 29 + 21 = ...

3. 35 ten-cent pieces = $ ....

For Questions 4 and 5, write the decimals in order from biggest to smallest.

4. 2.5   1.8   3.2   ....

5. 10.4   11.5   1.5   ....

6. Carla buys a bag of 12 apples for $1.44.

    How much is each apple worth? c

7. 240 seconds = ... minutes

8. 65 x 1000 = ...

9.   5842
    −   3034
    ....

    ....

10. $\dfrac{5}{8} + \dfrac{2}{8} =$ ....

My score: $\dfrac{}{10}$

My time: ....
                             minutes   seconds

Minute 79

Name: .... **Date:** ....

1. $\dfrac{5}{6} - \dfrac{2}{6} =$ ....

2. Forty-five is an even number.

   Circle: **True**   or   **False**

3. 6.4 + 2.5 = ...

4. $\dfrac{31}{4} = 7\dfrac{\boxed{}}{4}$

5. 8.4 – 7.2 = ...

6. The expanded form of 70 804 is .... + ... + ...

7. $5\overline{)350}$

8. Continue the pattern.   105, 110, 115, ... , ... , ...

For Questions 9 and 10, write +, – or x to make the sentence true.

9. 45 ÷ 3 $\boxed{}$ 5 = 20

10. 36 ÷ 12 $\boxed{}$ 3 = 6

My score: $\dfrac{}{10}$ **My time:** ....
                                                        minutes   seconds

Minute 80

1. $8 \overline{)48}$

2. $\dfrac{53}{6} = 8 \dfrac{\boxed{}}{\boxed{}}$

3. $12.7 - 6.4 =$ ....

4. Complete the pattern.   28, 35, ..., 49, ..., 63, 70

5. $12 \times 5 =$ ....

6. $3 \overline{)9603}$

7. How many hours in $1\frac{1}{2}$ days? ....

For Questions 8 to 10, round the number to the nearest ten.

8. 345   ....

9. 478   ....

10. 464   ....

My score: $\dfrac{}{10}$

My time: ....
                minutes   seconds

Minute 81
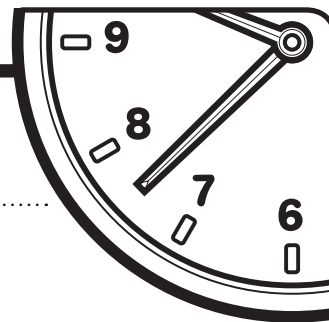
Name: .... **Date:** ....

1. Circle the best estimate for the angle.

   30°　　　180°　　　210°
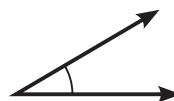
2. Claudia bought lunch for her friends. She bought three sandwiches for $3.00 each and three drinks for $1.25 each.

   How much did she spend? $ ....

For Questions 3 to 5, circle which unit you would use to measure each.

3. a large jug of fruit juice 　　mL　　L　　kL

4. a small bowl of soup 　　mL　　L　　kL

5. a swimming pool 　　mL　　L　　kL

6. Which point is at coordinate(1, 2)? ....

7. 　20 945
   − 15 497
   ....

   ....
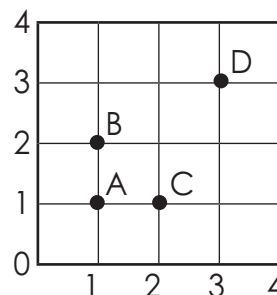
For Questions 8 to 10, circle the most reasonable temperature.

8. making a snowman 　　−5 °C　　15 °C　　30 °C

9. swimming on a summer day 　　15 °C　　20 °C　　30 °C

10. wearing a light jumper outside 　　0 °C　　15 °C　　25 °C

My score: _____
10

My time: ....
minutes　　　　seconds

Name: .... **Date:** ....

1. The temperature inside of a freezer is about 30 °C.

   Circle: **True**   or   **False**

2. Complete the pattern.   ...., ..., ..., 24, 30, 36, 42, 48

3.   615

   x   5

   ....

   ....

4. Circle the figure that is most **similar** to the shaded figure.

        A   B   C   D

5.   12.9

   −   2.2

   ....

   ....

6. $\dfrac{45}{8} = 5\dfrac{\Box}{\Box}$

7.   35 984

   − 15 978

   ....

   ....
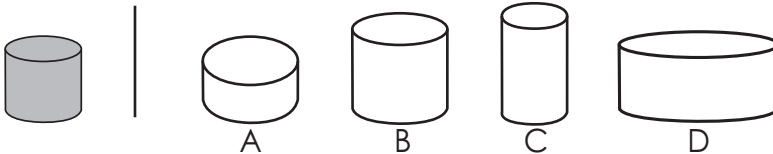
8. The line segment $\overleftrightarrow{AB}$ is approximately: A⊢————————⊣B   2 cm   3 cm   5 cm.

9. $6^2 =$ ....

10. $20.00 − $9.50 =$ ....

My score: $\dfrac{\quad}{10}$ **My time:** ....
                                   minutes   seconds

Minute 83

Name: .... **Date:** ....

1. Two faces on a solid figure meet at an edge.

   Circle: **True**   or   **False**

2. Casey bought two ice-creams for $1.75 each and a drink for $1.50. He paid with a ten-dollar note.

   How much change did he receive? $...........

3. The perimeter of the shape is .... cm.
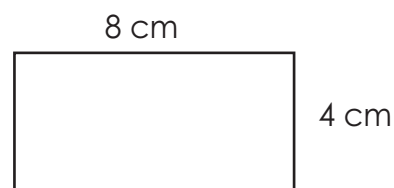
   8 cm

   4 cm

4.   10.5
   – 8.1
   ....
   ....

5.   62 705
   + 20 097
   ....
   ....

6.   54 978
   – 29 877
   ....
   ....

7. $\dfrac{45}{7}$ = 6 $\dfrac{\Box}{\Box}$

Write <, > or = to complete Questions 8 to 10.

8.   15°   ....   345°

9.   A   ....   B

10.   45°   ....
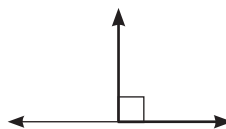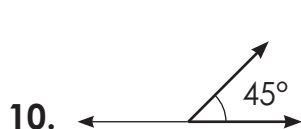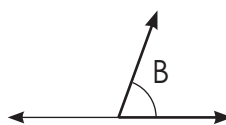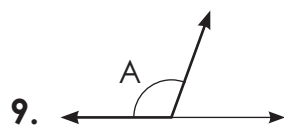
My score: $\dfrac{\qquad}{10}$ **My time:** ....
                                                  minutes   seconds

Name: .... **Date:** ....

1. $\dfrac{13}{4} = 3\dfrac{\boxed{}}{\boxed{}}$

2. 2.4 – 1.2 = ...

Use the information to answer Questions 3 and 4.

> Joe is sorting his family's clean socks. He has 90 individual socks and $\dfrac{1}{5}$ of those are blue.

3. How many socks are blue? .... blue socks

4. Look at Question 3. How many pairs of blue socks are there? .... pairs

5. A diameter doesn't pass through the centre of a circle.

   Circle: **True** or **False**

For Questions 6 and 7, circle which unit you would use to measure each.

6. distance across an ocean   cm   m   km

7. weight of a train carriage   g   kg   t

8. $\dfrac{6}{9} + \dfrac{1}{9} =$ ....

For Questions 9 and 10, write the value of the bold digit.

9. 8.**9**4 = ...

10. **9**2.74 = ...

My score: $\dfrac{}{10}$

My time: ....
minutes   seconds

Minute 85
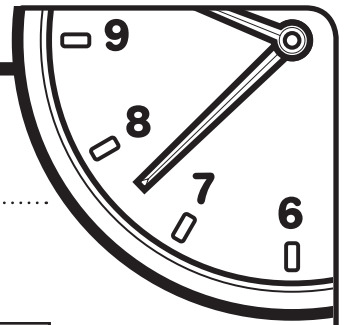
1. What is the area of the shape? .... mm^2

12 mm

8 mm

2.   845
   x   2
   ....

   ....
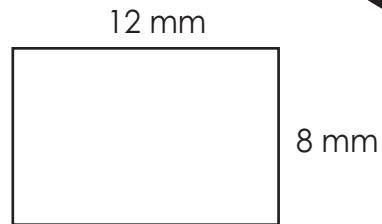
3. There are 10 reams of paper in a box and each ream is $4.00. Carla wants to buy half of the box.

   How much money will she need? $............

4. 19.4 + 6.2 = ...

5.   54 316
   + 80 316
   ....

   ....

6. $\dfrac{19}{3} = 6\dfrac{\square}{\square}$

7. The expanded form of 512 007 is .... + ... + ... + ...

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{5}{25} = \dfrac{\square}{5}$

9. $\dfrac{6}{30} = \dfrac{\square}{5}$

10. $\dfrac{6}{18} = \dfrac{\square}{3}$

My score: $\dfrac{}{10}$

My time: ....
              minutes   seconds

Minute 86

Name: .... **Date:** ....

1. 62 498
   − 52 977
   ....

   ....

2. 2.25 + 3.54 = ...

3.   74 805
   + 82 065
   ....

   ....

4. $\dfrac{37}{5}$ = 7 $\dfrac{\Box}{\Box}$

5. $\dfrac{3}{8} + \dfrac{4}{8}$ = ...

For Questions 6 and 7, circle which unit you would use to weigh each.

6. a helicopter   g   kg

7. a hot dog   g   kg

Use the line graph to complete Questions 8 to 10.

8. Which day had the lowest temperature? ....

9. On which day was it 27 °C? ....

10. Did the temperature increase or decrease from Monday to Tuesday?

....

Maximum temperature by day

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat
27°							•
26°							
25°		•				•	
24°				•			
23°			•		•		
22°							
21°	•						

°C

My score: $\dfrac{}{10}$

My time: ....
                 minutes   seconds
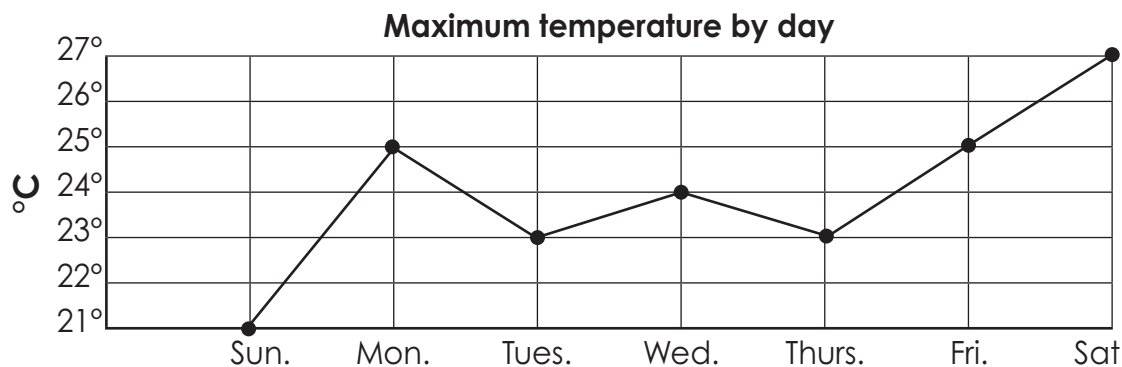
Maths minutes
ISBN: 978-1-925686-68-5
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Minute 87
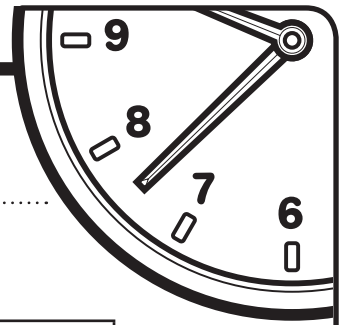
Name: .... **Date:** ....

1. Write the fraction of

   the shaded area. ....
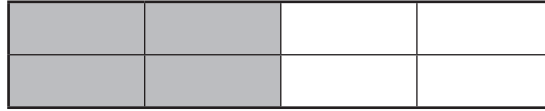
For Questions 2 and 3, circle which unit you would use to measure the capacity of each.

2. a bathtub   mL   L

3. a teacup   mL   L

4. What is the perimeter of the shape? .... units
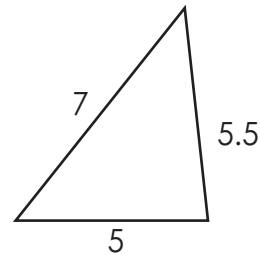
5. $\dfrac{2}{6} + \dfrac{3}{6} =$ ....

6. The expanded form of 8079 is .... + ... + ...

7. There are 100 ants. If they march in 20 equal rows, how many ants are in each row?

   .... ants

8.   58 690
   − 15 489
   ....

   ....

For Questions 9 and 10, circle the digit in the tens place.

9. 12 506

10. 72 165

My score: $\dfrac{\quad\quad}{10}$ **My time:** ....
                                                minutes   seconds

Minute 88

1. 54 818
    – 28 776
    ....

    ....

2. 63 ÷ 7 = ...

3. $11.35 + $0.35 = $..............

For Questions 4 and 5, circle the digit in the thousands place.

4. 59 642

5. 104 265

6. Max bought three cases of soft drink for $8.00 each.

    How much did he spend? $............

7. 192 seconds = ... minutes .... seconds

8. 451 x 100 = ...

9. 56 + 24 = ...

10. The expanded form of 5020 is .... + ...

My score: _____ / 10

My time: ....
         minutes   seconds

Minute 89

Name: .... **Date:** ....

1. 81 ÷ 9 = ...

2. Eighty-seven is an odd number.

   Circle: **True** or **False**

3.   402
   x   3
   ....

   ....

4. $\dfrac{57}{8} = 7\dfrac{\square}{\square}$

5. Round 4658 to the nearest thousand. ....

6. The expanded form of 95 009 is .... + ... + ...

7. $\dfrac{7}{5} - \dfrac{4}{5} =$ ....

8.   8658
   – 5497
   ....

   ....

For Questions 9 and 10, write + or – to make the sentence true.

9. 21 x 3 $\boxed{}$ 3 = 60

10. 88 ÷ 11 $\boxed{}$ 4 = 12

My score: $\dfrac{\quad}{10}$ **My time:** ....
   minutes   seconds

Name: .... **Date:** ....

1. 28 ÷ 7 = ...

2. Gina has a book with 140 pages. If she has read 70 pages of her book, what fraction of the book has she read?

   ....

3. A reasonable temperature for a cup of hot chocolate is 20 °C.

   Circle: **True** or **False**

4. Complete the pattern.   16, 24, ..., 40, ..., 56, 64

5.   61 007
   + 91 513
   ....

   ....

6. $\dfrac{55}{9} = 6\dfrac{\Box}{\Box}$

7. The expanded form of 9073 is .... + ... + ...

For Questions 8 to 10, round the number to the nearest hundred.

8. 357   ....

9. 735   ....

10. 537   ....

My score: $\dfrac{}{10}$

My time: ....
minutes   seconds

Minute 91
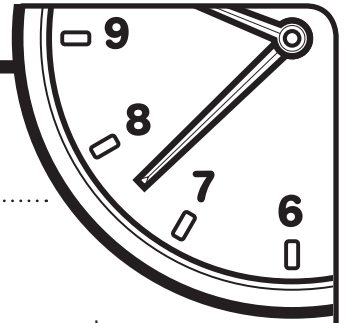
Name: .... **Date:** ....

1. Julie planted 120 carrot seeds, 50 lettuce seeds and 25 tomato seeds.

   How many seeds did she plant altogether? .... seeds

2. Circle the best estimate for the angle.

30°	180°	210°

Write <, > or = to complete Questions 3–5.

3. 0.16 .... 0.4

4. 2.5 .... 2.05

5. 0.9 .... 0.90

6. Ben and Milo each want to buy a bike for $135.00 and a helmet for $20.25.

   How much money do they need altogether? $............................

7. Which point is at coordinate (3, 1)? ....
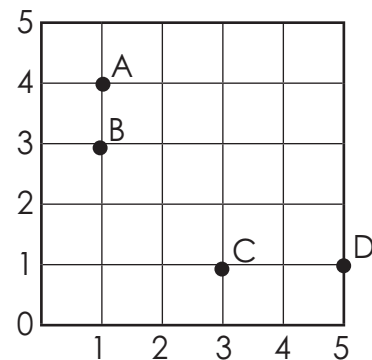
8. 49 ÷ 7 = ...

For Questions 9 and 10, write how many hours have passed.

9. 6.15 am to 1.15 pm = ... hours

10. 3.00 pm to 3.00 am = ... hours

My score:

$\dfrac{\quad\quad}{10}$

My time: ....
            minutes   seconds

Minute 92
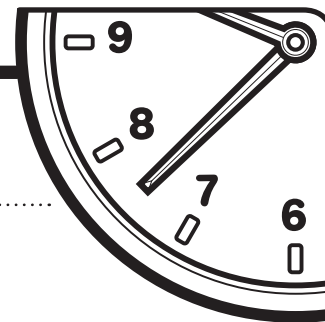
Name: .... **Date:** ....

1. Complete the pattern. ...., ..., ..., 28, 35, 42, 49, 56

2. Circle the figure that is **congruent** to the shaded figure.

   A   B   C   D
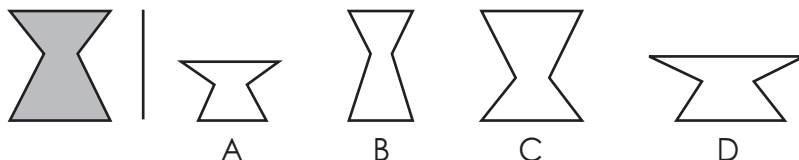
In Questions 3 to 5, what unit would you use to measure each? Write cm, m or km.

3. length of your foot ....

4. distance a plane flies across Australia ....

5. height of your house ....

6. 64 ÷ 8 = ...

7. 150 – 75 = ...

For Questions 8 to 10, circle the name of the angle.

8. right angle   acute   obtuse

9. right angle   acute   obtuse

10. right angle   acute   obtuse
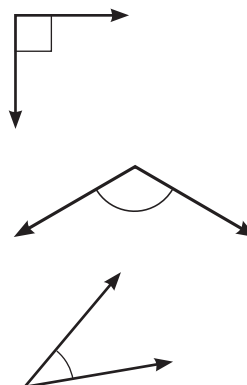
My score: ____
10

My time: ....
minutes   seconds

Minute 93

Name: .... **Date:** ....

1. 51 679
    – 21 201
    ....

    ....

2. Julie had 50 lettuce plants. Rabbits ate 13 of the plants.

    How many plants were left? .... plants

3. What is the volume of the shape? .... m³

    length x width x height = volume

    2 m
    12 m
    5 m
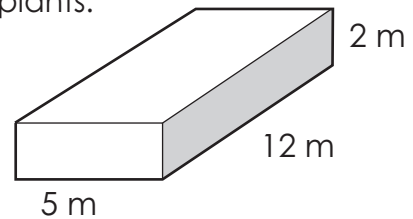
4. Anna bought two sandwiches for $3.00 each and a drink for $1.00. She paid with $10.00.

    How much change did she receive? $...........

For Questions 5 to 7, circle the best unit of measure for each.

5. length of an ant

    | km | cm | mm |

6. capacity of a bucket

    | kL | L | mL |

7. weight of a watermelon

    | g | kg | t |

Write <, > or = to complete Questions 8 to 10.

8. 6452 5642

9. 1524 .... 10 524

10. 6754 7604

My score: ____
10

My time: ....
                minutes   seconds

Minute 94
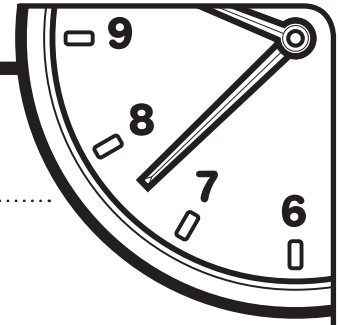
Name: .... **Date:** ....

1. 6.2 + 3.2 = ...

2. $\dfrac{49}{6} = 8\,\dfrac{\boxed{}}{\boxed{}}$

3. 2 km = ... metres

4. Charlotte has a 222-page book. She has read $\dfrac{1}{2}$ of it.

   How many pages does she have left to read? .... pages

5.   15 824
      + 84 033
      ....

      ....

6. $\dfrac{5}{8} + \dfrac{2}{8} =$ ....

7. 48 ÷ 12 = ...

For Questions 8 to 10, write the value of the bold digit.

8. 7**2**4.0 = ...

9. 7.**2**4 = ...

10. 7**2**.4 = ...

My score: $\dfrac{}{10}$

My time: ....
                        minutes   seconds

Minute 95

Name: .... **Date:** ....

1. What is the perimeter of the square?

   .... square units

   14
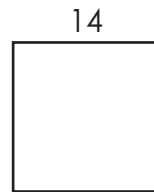
2. Henry digs 5 rows to plant 40 seeds. If each row will have the same number of seeds, how many seeds will he plant in each row?

   .... seeds

For Questions 3 and 4, circle the best unit of measure for each.

3. height of a tree

   | km | m | cm | mm |

4. width of an envelope

   | km | m | cm | mm |

5. Nadia earns $2.25 an hour raking leaves.

   If she rakes leaves for 6 hours, how much money will she earn? $..................

6. 84 ÷ 12 = ...

7. 17.5 – 2.1 = ...

For Questions 8 to 10, write the equivalent fraction.

8. $\dfrac{4}{32} = \dfrac{}{8}$

9. $\dfrac{8}{32} = \dfrac{}{4}$

10. $\dfrac{9}{27} = \dfrac{}{3}$

My score: $\dfrac{}{10}$

My time: ....
 minutes seconds

Name: .... **Date:** ....

1. 42.7 – 12.3 = ...

2. $\dfrac{52}{7}$ = 7 $\dfrac{\boxed{}}{\boxed{}}$

3. The expanded form of 20 641 is .... + ... + ...+ ....

4. There are 18 children swimming and 6 are girls. What fraction are girls? ....

5. A .... is a six-sided polygon.

6. $13\overline{)52}$

For Questions 7 to 10, name the solid shape that matches each item.

| cylinder | cone | cube | sphere |

7. ....

8. ....

9. ....

10. ....

My score: $\dfrac{\rule{3em}{0.4pt}}{10}$ **My time:** ....
minutes   seconds

Minute 97

Name: .... **Date:** ....

1. There are 10 cod, 18 bass and 10 trout.

   How many fish are there altogether? .... fish

2.   42 215
   + 42 620
   ....

   ....

3. 2.5 + 6.4 = ...

4. What is the perimeter of the shape? .... units
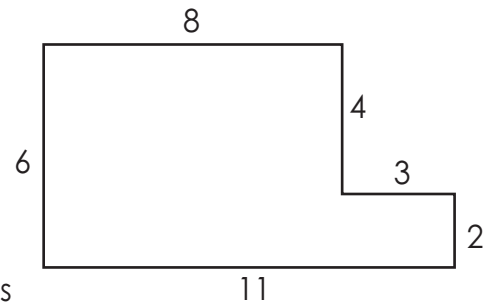
5. $12\overline{)96}$

6. The expanded form of 7080 is .... + ...

For Questions 7 and 8, write +, – or x to make the sentence true.

7. 51 x 10 .... 10 = 5100

8. 100 x 70 .... 10 = 70 000

For Questions 9 and 10, circle the digit in the thousands place.

9. 45 624

10. 80 132

My score: $\dfrac{\qquad}{10}$

My time: ....
                                      minutes   seconds

Minute 98
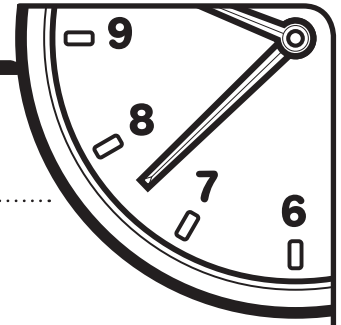
Name: .... **Date:** ....

1. 45 + 55 = ...

2. 81 ÷ 9 = ...

3. 1 – 0.3 = ...

4. Complete the pattern.   ...., ..., ..., 16, 20, 24

5. 240 seconds = ... minutes

6. 217 x 100 = ...

7. 12$\overline{)108}$

8. A crab has five pairs of legs. How many legs do two crabs have? .... legs

Write <, > or = to complete Questions 9 and 10.

9. 2 x 4 [......] 4 + 4

10. 6 + 4 [......] 7 x 2

Minute 99

Name: .... Date: ....

1. There are 150 toys in each case.

   How many toys are there in 10 cases? .... toys

2. Fifty-six is an even number.

   Circle: **True**   or   **False**

3. $12\overline{)84}$

4. $\dfrac{9}{12} - \dfrac{5}{12} =$ ....

5. A spider has 8 legs. How many legs do 4 spiders have? .... legs

6. The expanded form of 804 059 is .... + ... + ... + ...

7. Complete the pattern.   2, 4, 8, 16, ..., ..., ..., 256

8. Each herd has 40 cows and 2 bulls.

   How many cows and bulls are there altogether in 4 herds? .... cows and bulls

For Questions 9 and 10, write x or ÷ to make the sentence true.

9. 10 x 80 .... 10 = 8000

10. 91 x 1000 .... 10 = 9100

My score: ____
10

My time: ....
               minutes   seconds

Minute 100
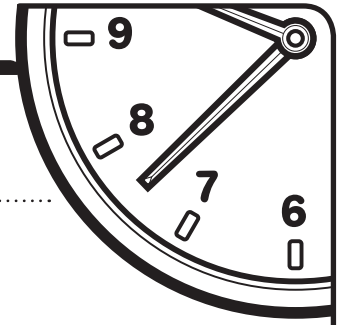
Name: .... **Date:** ....

1. 81 ÷ 9 = ...

2. $\dfrac{67}{8}$ = 8 $\dfrac{\boxed{}}{\boxed{}}$

3. A quadrilateral has .... sides and .... corners.

4. Complete the pattern.   18,..........., 36, ..., 54, ..., 72, 81

5. $\dfrac{6}{8}$ = $\dfrac{\boxed{}}{4}$

6. $11\overline{)121}$

7. The expanded form for 504 200 is .... + ... + ...

For Questions 8 to 10, round the number to the nearest thousand.

8. 84 375 ....

9. 45 827 ....

10. 62 415 ....

My score: $\dfrac{}{10}$

My time: ....
minutes   seconds

Minute answer key

Minute 1
1. True
2. $7.00
3. 49
4. 35, 7
5. C
6. 3
7. 4
8. 13
9. 5
10. 2

Minute 2
1. 7
2. 24, 28, 32
3. 38
4. B
5. 33
6. 42, 7
7. 36
8. yes,
9. yes,
10. no

Minute 3
1. 12
2. 27
3. True
4. 40, 5, 8
5. $2.50
6. 42
7. 28
8. <
9. >
10. =

Minute 4
1. 83
2. 35
3. 50
4. 36, 36, 4, 9
5. 7
6. 69
7. 32
8. $^1/_2$
9. $^1/_3$
10. $^1/_5$

Minute 5
1. False
2. 15
3. 63
4. $3.00
5. 27
6. 9
7. 80
8. 54
9. 5
10. 7

Minute 6
1. 95
2. 120
3. True
4. 7
5. 4
6. 12
7. 52
8. 10
9. Watermelon
10. pears, oranges

Minute 7
1. $^1/_3$
2. 22
3. 58
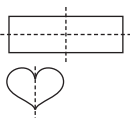4. 12
5. 9
6. 3000 + 20 + 4
7. 68
8. 80
9. 8
10. 4

Minute 8
1. True
2. 50
3. $1
4. 35
5. 38
6. 25c
7. 81
8. 60
9. 780
10. 9

Minute 9
1. True
2. 11
3. True
4. 39
5. 4, 4
6. 51
7. 66
8. 3
9. +
10. −

Minute 10
1. 39
2. 89
3. 6
4. 5
5. 50
6. $5.50
7. 6
8. 160
9. 80
10. 50

Minute 11
1. 16
2. 90°
3. $28.75
4. 51
5. 45
6. 154
7. 4
8. 15
9. 10
10. 45

Minute 12
1. 8
2. 30, 36
3. 72
4. B
5. 42
6. 12
7. 224
8. yes,
9. no
10. no
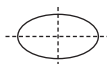
Minute 13
1. 4, 6
2. 9
3. True
4. 34
5. $1.75
6. 204
7. 41
8. >
9. <
10. <

Minute 14
1. 48
2. 204
3. 100
4. 75
5. 6
6. 2
7. 6
8. <
9. >
10. >

Minute 15
1. False
2. 308
3. 94
4. $3.00
5. 22
6. 84
7. 6
8. $^2/_3$
9. $^3/_4$
10. $^1/_2$

Minute 16
1. 140
2. 6
3. 83
4. 4
5. 6, 6
6. 76
7. 180
8. drive/carpool
9. skating
10. drive/carpool, skate

Minute 17
1. 171
2. 30
3. 101
4. 10
5. 7
6. 4000 + 800 + 50 + 7
7. 56
8. 11
9. 8
10. 9

Minute 18
1. 7
2. 93
3. 210c, $2.10
4. 45
5. 60c
6. 6200
7. 390
8. 120
9. 79
10. 3

Minute 19
1. $^1/_2$ or $^4/_8$
2. True
3. 92
4. 9
5. 12
6. 400 + 60 + 5
7. 126
8. 76
9. +
10. x

Minute 20
1. 85
2. 8
3. 15
4. 5
5. 894
6. 5
7. 324
8. 600
9. 500
10. 600

Minute answer key

Minute 21
1. 19
2. 45°
3. 282
4. metres
5. centimetres
6. kilometres
7. 90
8. $1.50
9. 1, 25
10. 1, 15

Minute 22
1. 617
2. 721
3. 19
4. A
5. 6 r 2
6. 48, 56, 64
7. 336
8. acute
9. right-angle
10. obtuse

Minute 23
1. 6 r 3
2. 483
3. 24
4. 890
5. $2.75
6. 800
7. 123
8. >
9. <
10. =

Minute 24
1. 4
2. 763
3. 5 r 2
4. 6
5. $2.50
6. 723
7. 448
8. 0.6
9. 5 hundreds or 500
10. 7 ones or 7

Minute 25
1. 15
2. 14
3. 6 r 2
4. 1039
5. 0.8
6. 754
7. 474
8. $^1/_2$
9. $^1/_5$
10. $^3/_4$

Minute 26
1. 915
2. 16
3. $2.20
4. 270
5. 7, 7
6. 9 r 4
7. 264
8. Room 14
9. 60
10. Room 16

Minute 27
1. $^4/_{10}$ or $^2/_5$
2. 8
3. 282
4. 15
5. 7 r 4
6. 500 + 4
7. 531
8. 448
9. 7
10. 4

Minute 28
1. 3
2. 782
3. $2.00
4. 787
5. 54 700
6. 80c
7. 3924
8. 90
9. 59
10. 8 r 4

Minute 29
1. 500
2. True
3. 780
4. 650
5. 5 r 3
6. 800 + 40 + 5
7. 1624
8. 3
9. –
10. +

Minute 30
1. 24
2. 928
3. 7 r 6
4. 18, 24
5. 761
6. 7
7. 4149
8. 840
9. 920
10. 1330

Minute 31
1. 854
2. 180°
3. $55.50
4. 24
5. 5509
6. 0.6
7. 786
8. 4
9. 2
10. 3

Minute 32
1. 35
2. 8121
3. 15
4. C
5. 40, 50, 60
6. 689
7. 624
8. $6.60
9. 24 mm
10. 1

Minute 33
1. 0.7
2. 742
3. 120
4. acute
5. obtuse
6. $3.00
7. 45
8. <
9. <
10. >

Minute 34
1. 0.4
2. 856
3. $2.10
4. 8
5. 10 010
6. 15
7. 3591
8. 42
9. 1 tenth
10. 2 ones

Minute 35
1. 20
2. 52
3. cm
4. $10.50
5. 3644
6. 150
7. 90°
8. $^1/_2$
9. $^1/_4$
10. $^1/_3$

Minute 36
1. $^1/_4$
2. 2180
3. 6290
4. 63
5. 8, 8
6. 12
7. obtuse
8. 40
9. Room 10 and Room 14
10. 2

Minute 37
1. $^1/_5$
2. 27
3. 6516
4. 9
5. 4302
6. 90 000 + 2000 + 100 + 50 + 7
7. 778
8. 84
9. 4
10. 8

Minute 38
1. 7
2. 98
3. $1.20
4. 5 cm
5. 2 cm
6. 90°
7. $3.35
8. 180
9. 920
10. 56

Minute 39
1. 6
2. False
3. 0.6
4. 788
5. 12 720
6. 2000 + 800 + 4
7. 994
8. 45
9. x
10. –

Minute 40
1. 5
2. 808
3. 5, 5
4. 24
5. 16 630
6. 8
7. 2124
8. 100
9. 800
10. 900

Minute answer key

Minute 41
1. 12
2. 30°
3. $48.75
4. 2
5. 14 797
6. 840
7. 2461
8. 10
9. 2, 10
10. 3, 30

Minute 42
1. 9
2. 16 957
3. 41
4. B
5. 21, 24, 27
6. 824
7. 8760
8. yes, ⇐
9. no ☾
10. yes, ☽

Minute 43
1. 3
2. 7880
3. 40
4. 13 990
5. $14.00
6. $5/8$
7. 127
8. <
9. <
10. >

Minute 44
1. 151
2. 2902
3. 14 529
4. 2
5. tenths
6. 0.6
7. 3556
8. =
9. <
10. <

Minute 45
1. 54
2. 6
3. 6808
4. 60c
5. 11 094
6. 1498
7. 35
8. $2/3$
9. $1/2$
10. $1/3$

Minute 46
1. 4
2. 888
3. 7927
4. 11 589
5. 6, 6
6. $1.80
7. 40
8. Tues., Thurs.
9. Sat.
10. Sun.

Minute 47
1. $2/6$ or $1/3$
2. 8
3. 7909
4. 13
5. 11 883
6. 6000 + 500 + 40 + 3
7. 3132
8. 8
9. 4
10. 6

Minute 48
1. 2120
2. 7
3. $4
4. 89
5. 8219
6. Brand A
7. 2004
8. 240
9. 3090
10. 6

Minute 49
1. 84
2. False
3. 74
4. 88
5. 15 382
6. 2000 + 80 + 5
7. 3081
8. 4494
9. –
10. +

Minute 50
1. 5
2. 7692
3. 12 299
4. 3
5. 28, 49
6. 936
7. 2
8. 2000
9. 2000
10. 4000

Minute 51
1. 7
2. 120°
3. 30
4. $177.00
5. 17 258
6. 784
7. 2106
8. B
9. 7
10. 5

Minute 52
1. 24
2. 14
3. 20
4. D
5. False
6. 35, 40, 45
7. 4212
8. 9
9. 22
10. 5 cm

Minute 53
1. 121
2. $4/10$ or $2/5$
3. 96
4. 16 966
5. $3.00
6. 3175
7. 6921
8. >
9. =
10. <

Minute 54
1. 16
2. 630
3. 4
4. 3
5. 9263
6. 3.5
7. True
8. $2/3$
9. 3 tenths
10. 5 hundredths

Minute 55
1. 300
2. 5094
3. 26
4. 4 cm
5. 25
6. 4 r 1
7. 21
8. 2
9. 3
10. 2

Minute 56
1. 9
2. 73
3. 5
4. 120
5. 6, 6
6. 1710
7. 1.7
8. Ivy and Max
9. 3
10. Zoe

Minute 57
1. 64
2. True
3. $1/3$
4. 22
5. 13 132
6. 8000 + 400 + 2
7. 0.6
8. 0.02
9. 4
10. 9

Minute 58
1. 6
2. $2.40
3. 75c
4. $5/10$
5. $6/100$
6. $9/10$
7. 59
8. 2
9. 5 r 2
10. 9500

Minute 59
1. $5/15$ or $1/3$
2. True
3. 3.7
4. 12 624
5. 50 000 + 4000 + 800 + 20 + 2
6. 0.08
7. 0.75
8. 10
9. –
10. +

Minute 60
1. 95
2. 5
3. 0.2
4. 1.08
5. 5.6
6. 36, 81
7. 12
8. 800
9. 700
10. 500

Minute answer key

Minute 61
1. 117
2. 90°
3. $90.50
4. 17
5. 3 cm.
6. 10 km
7. 8 m²
8. A
9. 9
10. 10

Minute 62
1. 1
2. 49, 56, 63
3. 6435
4. D
5. cm or m
6. km
7. 12
8. scalene
9. isosceles
10. scalene

Minute 63
1. 40
2. 468
3. 120
4. $8.85
5. 21
6. False
7. 50 000 + 6000 + 400 + 90 + 2
8. >
9. >
10. <

Minute 64
1. 14
2. 9
3. 1080
4. 7
5. True
6. $3/4$
7. True
8. 7.9
9. 5 tenths
10. 4 hundredths

Minute 65
1. 32 m²
2. $6/30$ or $1/5$
3. True
4. $2.25
5. 98 743
6. 4 r 1
7. 98
8. 4
9. 4
10. 6

Minute 66
1. 27
2. $1.25
3. $2.80
4. 3.7
5. True
6. 7 r 4
7. False
8. May
9. Apr. and Dec.
10. January to June

Minute 67
1. $6/9$ or $2/3$
2. 105 600
3. 1926
4. 41
5. 12
6. 40 000 + 50 + 4
7. ellipse or oval
8. 9
9. 4
10. 6

Minute 68
1. 8
2. 89
3. $1.80
4. 95
5. 732
6. 3c
7. 12 cm
8. 6 cm
9. 725 000
10. 6 r 6

Minute 69
1. 44
2. True
3. 3 r 6
4. 20 000 + 800 + 50
5. 2.2
6. 0.42
7. 3.01
8. $5/8$
9. x
10. x

Minute 70
1. 5
2. 2
3. nine and one-tenths
4. 30, 42
5. perimeter
6. 11
7. 5056
8. 43 000
9. 34 000
10. 44 000

Minute 71
1. 7.4
2. 210°
3. 35 290
4. $37.00
5. 4 g
6. 5 r 2
7. 3
8. B
9. millilitres
10. litres

Minute 72
1. 7
2. 63, 72, 81
3. 714
4. A
5. millilitres
6. litres
7. 24
8. yes,
9. yes,
10. yes,

Minute 73
1. 24 °C
2. 12 °C
3. 3000
4. 104 503
5. $3.75
6. 80 000 + 9000 + 20 + 5
7. 150
8. =
9. >
10. =

Minute 74
1. 9.3
2. 15
3. 0.24
4. 2.3
5. 1.09
6. 2
7. 26
8. <
9. <
10. <

Minute 75
1. 144
2. 12
3. False
4. $14.00
5. 37 °C
6. 24 °C
7. 12
8. 3
9. 2
10. 2

Minute 76
1. 7
2. 2
3. 5.3
4. 5
5. rhombus
6. 5.25, 5.3, 5.32
7. 0.02, 0.2, 2.02
8. July
9. increase
10. November

Minute 77
1. 36
2. 1
3. True
4. 18 m
5. 82 038
6. 4000 + 600 + 2
7. 9.05 pm
8. 3.35 pm
9. 7
10. 6

Minute 78
1. 40 000 + 5000 + 20 + 9
2. 50
3. $3.50
4. 3.2, 2.5, 1.8
5. 11.5, 10.4, 1.5
6. 12c
7. 4
8. 65 000
9. 2808
10. $7/8$

Minute 79
1. $3/6$ or $1/2$
2. False
3. 8.9
4. 3
5. 1.2
6. 70 000 + 800 + 4
7. 70
8. 120, 125, 130
9. +
10. +

Minute 80
1. 6
2. $5/6$
3. 6.3
4. 42, 56
5. 60
6. 3201
7. 36
8. 350
9. 480
10. 460

Minute answer key

Minute 81
1. 30°
2. $12.75
3. L
4. mL
5. kL
6. B
7. 5448
8. -5 °C
9. 30 °C
10. 15 °C

Minute 82
1. False
2. 6, 12, 18
3. 3075
4. B
5. 10.7
6. $^5/_8$
7. 20 006
8. 3 cm
9. 36
10. $10.50

Minute 83
1. True
2. $5.00
3. 24
4. 2.4
5. 82 802
6. 25 101
7. $^3/_7$
8. <
9. >
10. <

Minute 84
1. $^1/_4$
2. 1.2
3. 18
4. 9
5. False
6. km
7. t
8. $^7/_9$
9. 9 tenths
10. 9 tens

Minute 85
1. 96 mm²
2. 1690
3. $20.00
4. 25.6
5. 134 632
6. $^1/_3$
7. 500 000 + 10 000 + 2000 + 7
8. 1
9. 1
10. 1

Minute 86
1. 9521
2. 5.79
3. 156 870
4. $^2/_5$
5. $^7/_8$
6. kg
7. g
8. Sunday
9. Saturday
10. decrease

Minute 87
1. $^4/_8$ or $^1/_2$
2. L
3. mL
4. 17.5
5. $^5/_6$
6. 8000 + 70 + 9
7. 5
8. 43 201
9. 0
10. 6

Minute 88
1. 26 042
2. 9
3. $11.70
4. 9
5. 4
6. $24.00
7. 3, 12
8. 45 100
9. 80
10. 5000 + 20

Minute 89
1. 9
2. True
3. 1206
4. 7 $^1/_8$
5. 5000
6. 90 000 + 5000 + 9
7. $^3/_5$
8. 3161
9. −
10. +

Minute 90
1. 4
2. $^1/_2$
3. False
4. 32, 48
5. 152 520
6. $^1/_9$
7. 9000 + 70 + 3
8. 400
9. 700
10. 500

Minute 91
1. 195
2. 180°
3. <
4. >
5. =
6. $310.50
7. C
8. 7
9. 7
10. 12

Minute 92
1. 7, 14, 21
2. C
3. cm
4. km
5. m
6. 8
7. 75
8. right angle
9. obtuse
10. acute

Minute 93
1. 30 478
2. 37
3. 120 m³
4. $3.00
5. mm
6. L
7. kg
8. >
9. <
10. <

Minute 94
1. 9.4
2. $^1/_6$
3. 2000
4. 111
5. 99 857
6. $^7/_8$
7. 4
8. 2 tens
9. 2 tenths
10. 2 ones

Minute 95
1. 56
2. 8
3. m
4. cm
5. $13.50
6. 7
7. 15.4
8. 1
9. 1
10. 1

Minute 96
1. 30.4
2. $^3/_7$
3. 20 000 + 600 + 40 + 1
4. $^1/_3$
5. hexagon
6. 4
7. sphere
8. cube
9. cone
10. cylinder

Minute 97
1. 38
2. 84 835
3. 8.9
4. 34
5. 8
6. 7000 + 80
7. x
8. x
9. 5
10. 0

Minute 98
1. 100
2. 9
3. 0.7
4. 4, 8, 12
5. 4
6. 21 700
7. 9
8. 20
9. =
10. <

Minute 99
1. 1500
2. True
3. 7
4. $^4/_{12}$ or $^1/_3$
5. 32
6. 800 000 + 4000 + 50 + 9
7. 32, 64, 128
8. 168
9. x
10. ÷

Minute 100
1. 9
2. $^3/_8$
3. 4, 4
4. 27, 45, 63
5. 3
6. 11
7. 500 000 + 4000 + 200
8. 84 000
9. 46 000
10. 62 000