

Maths minutes

BOOK F
(Ages 10–11)



**100 minutes to
practise and reinforce
essential skills**

Minute 25

Name:

Date:

1. Circle the lowest number.

2.
$$\begin{array}{r} 1116 \\ + 407 \\ \hline \end{array}$$

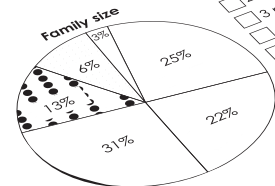
3. $10 \times 12 = \dots\dots\dots$

4. Round 70 954 to the nearest hundred. Circle the answer.
70 900 71 000

39 725 94 387 49 747 39 279

Team	1	2	3	4	5	6
Points	3	9	27	81	5	729

5. $121 \div 11 = \dots\dots\dots$
Use the pie graph to complete Questions 7 to 9.



- ☐ 2 members
☐ 3 members
☐ 4 members
☐ 5 members
☐ 6 members
☐ more than 6 members

7. What is the most common number of family members?
8. What percentage of people have 3 family members?
9. Just 6% of families have how many family members?

10. Write the numbers in order from highest to lowest.
14.92 19.42 14.29 19.24

My score: **10**

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Maths minutes *Book F*

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Titles available in this series:

Maths minutes – Book B (*Ages 6–7*)

Maths minutes – Book C (*Ages 7–8*)

Maths minutes – Book D (*Ages 8–9*)

Maths minutes – Book E (*Ages 9–10*)

Maths minutes – Book F (*Ages 10–11*)

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MATHS MINUTES – BOOK F

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 F 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:

- Maths minutes – Book B
- Maths minutes – Book C
- Maths minutes – Book D
- Maths minutes – Book E
- Maths minutes – Book F
- Maths minutes – Book G

Age levels

- Age 6–7 years
- Age 7–8 years
- Age 8–9 years
- Age 9–10 years
- Age 10–11 years
- Age 11–12 years

Contents

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Maths minutes 1–100	1–100
Answers	101–105

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.

Minute 21

- Name: Date:
- 
- 5 weeks = days
 - $$\begin{array}{r} 919 \\ - 584 \\ \hline \end{array}$$
 - Write the number in standard form:
one hundred and eleven thousand, six hundred and thirty-six.
.....
 - How many legs altogether are there on 4 dogs? legs
 - 7 cm = mm
 - $48 \div 5 = \dots\dots\dots r \dots\dots\dots$
 - Round 670 to the nearest thousand.
 - Continue the pattern. 200, 211, 222,
 - Write the numbers in order from lowest to highest.
3920 392 3092 923
.....
 - Draw what comes next in the pattern.
○○□○○□○

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

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Maths minutes 21

'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.)

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.

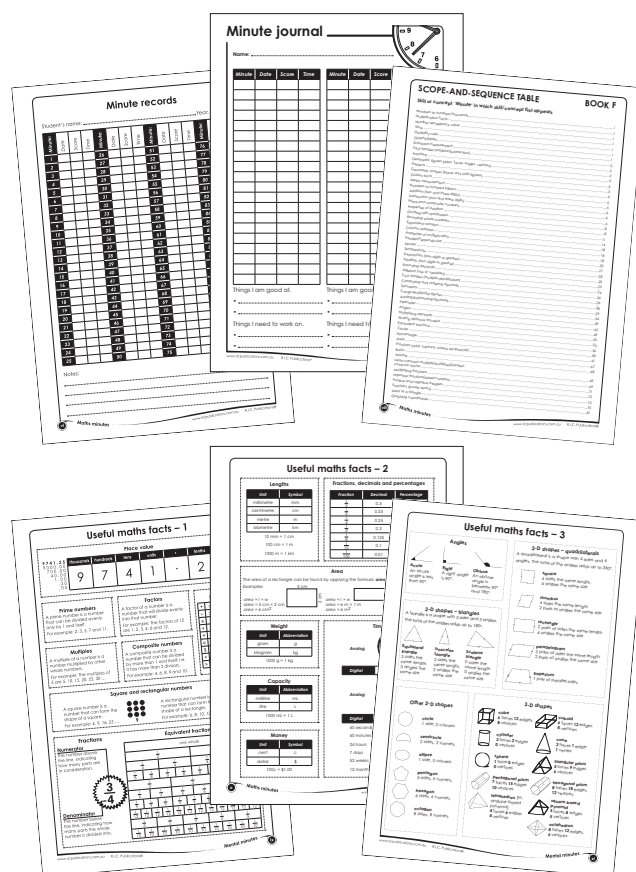
Make use of the structured nature of the questions to diagnose problem areas; rather than asking who got 10 out of 10, ask the students who got Number 1 correct to raise their hands, Number 2, Number 3 etc. This way you will be able to quickly determine which concepts and calculations are causing problems 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**
Three 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:

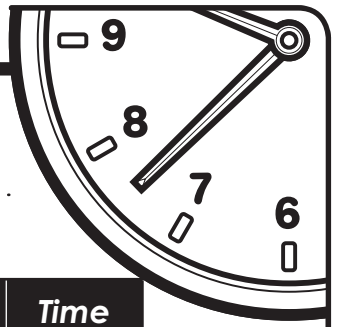
.....

.....

.....

.....

Minute journal



Name:

[illegible]

Things I am good at.

-
-

Things I need to work on.

-
-

[illegible]

Things I am good at.

-
-

Things I need to work on.

-
-

Skill or concept

'Minute' in which skill/concept first appears

Numbers to hundred thousands	1
Multiplication facts	1
Number sense/Place value.....	1
Time	1
Divisibility rules.....	1
Graphs/Tables	1
Standard measurement.....	1
Fact families (addition/subtraction)	2
Fractions	2
Geometric figures (sides, faces, edges, vertices).....	2
Patterns	2
Geometric shapes (plane and solid figures).....	3
Division facts.....	3
Metric measurement	4
Numbers to hundred billions.....	5
Addition (two and three digits).....	5
Subtraction (two and three digits)	6
Prime and composite numbers.....	6
Properties of addition	6
Dividing with remainders.....	8
Rounding whole numbers.....	8
Expanded notation.....	11
Column addition	14
Properties of multiplication	18
Parallel/Perpendicular.....	18
Money	18
Temperature	20
Subtraction (four digits or greater)	21
Addition (four digits or greater)	22
Rounding decimals.....	23
Algebra (use of variables)	23
Fact families (multiplication/division)	24
Comparing and ordering decimals	24
Symmetry	26
Congruent/Similar figures.....	28
Adding/Subtracting decimals	29
Perimeter.....	34
Angles.....	39
Multiplying decimals.....	42
Finding distance travelled	49
Equivalent fractions	50
Circles.....	50
Percentage.....	56
Area.....	58
Fractions (add, subtract, mixed, reciprocals)	61
Ratio.....	67
Volume	68
Least common multiple/Multiples/Greatest common factor.....	69
Multiplying fractions.....	69
Improper fractions/Mixed numbers	71
Positive and negative integers.....	72
Fractions (lowest terms).....	72
Area of a triangle.....	75
Graphing coordinates.....	81

Useful maths facts – 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

Prime numbers

A prime number is a number that can be divided evenly only by 1 and itself.

For example: 2, 3, 5, 7 and 11.

Factors

A factor of a number is a number that will divide evenly into that number.

For example: The factors of 12 are 1, 2, 3, 4, 6 and 12.

Symbols

+	addition
-	subtraction
x	multiplication
÷	division
=	equal to
c	cent
\$	dollar
<	less than
>	greater than

Multiples

A multiple of a number is a number multiplied by other whole numbers.

For example: The multiples of 5 are 5, 10, 15, 20, 25, 30 ...

Composite numbers

A composite number is a number that can be divided by more than 1 and itself; i.e. it has more than 2 divisors.

For example: 4, 6, 8, 9 and 10.

Square and rectangular numbers

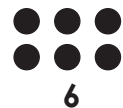
A square number is a number that can form the shape of a square.

For example: 4, 9, 16, 25 ...



A rectangular number is a number that can form the shape of a rectangle.

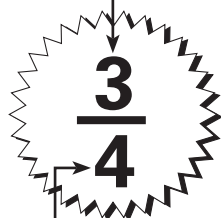
For example: 6, 8, 10, 12 ...



Fractions

Numerator

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



Denominator

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

Equivalent fractions

one whole											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$
$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$		
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

Useful maths facts – 2

Lengths

Unit	Symbol
millimetre	mm
centimetre	cm
metre	m
kilometre	km

$$10 \text{ mm} = 1 \text{ cm}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$1000 \text{ m} = 1 \text{ km}$$

Fractions, decimals and percentages

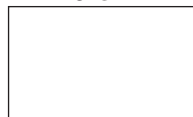
Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.33	33%
$\frac{1}{4}$	0.25	25%
$\frac{1}{5}$	0.2	20%
$\frac{1}{8}$	0.125	12.5%
$\frac{1}{10}$	0.1	10%
$\frac{1}{100}$	0.01	1%

Area

The area of a rectangle can be found by applying the formula: **area = length × width**

Examples:

3 cm



2 cm

$$\text{area} = l \times w$$

$$\text{area} = 3 \text{ cm} \times 2 \text{ cm}$$

$$\text{area} = 6 \text{ cm}^2$$

6 m



1 m

$$\text{area} = l \times w$$

$$\text{area} = 6 \text{ m} \times 1 \text{ m}$$

$$\text{area} = 6 \text{ m}^2$$

Weight

Unit	Abbreviation
gram	g
kilogram	kg

$$1000 \text{ g} = 1 \text{ kg}$$

Capacity

Unit	Abbreviation
millilitre	mL
litre	L

$$1000 \text{ mL} = 1 \text{ L}$$

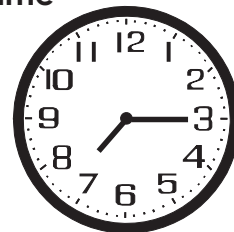
Money

Unit	Symbol
cent	c
dollar	\$

$$100\text{c} = \$1.00$$

Time

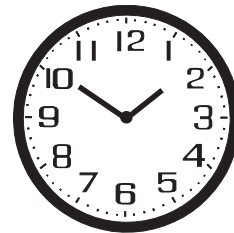
Analog



Digital

7.15

Analog



Digital

1.50

$$60 \text{ seconds} = 1 \text{ minute}$$

$$60 \text{ minutes} = 1 \text{ hour}$$

$$24 \text{ hours} = 1 \text{ day}$$

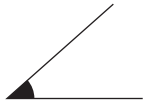
$$7 \text{ days} = 1 \text{ week}$$

$$52 \text{ weeks} = 1 \text{ year}$$

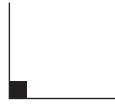
$$12 \text{ months} = 1 \text{ year}$$

Useful maths facts – 3

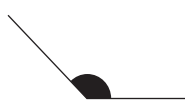
Angles



Acute
An acute angle is less than 90° .



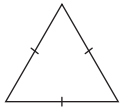
Right
A right angle is 90° .



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

2-D shapes – triangles

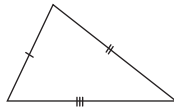
A triangle is a shape with 3 sides and 3 angles. The total of the angles adds up to 180° .



Equilateral triangle
3 sides the same length
3 angles the same size



Isosceles triangle
2 sides the same length
2 angles the same size



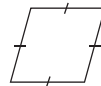
Scalene triangle
0 sides the same length
0 angles the same size

2-D shapes – quadrilaterals

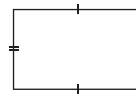
A quadrilateral is a shape with 4 sides and 4 angles. The total of the angles adds up to 360° .



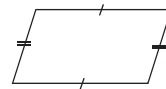
square
4 sides the same length
4 angles the same size



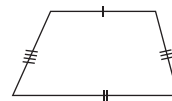
rhombus
4 sides the same length
2 pairs of angles the same size



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



trapezium
1 pair of parallel sides

Other 2-D shapes



circle
1 side, 0 corners



semicircle
2 sides, 2 corners



ellipse
1 side, 0 corners



pentagon
5 sides, 5 corners

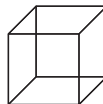


hexagon
6 sides, 6 corners

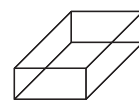


octagon
8 sides, 8 corners

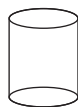
3-D shapes



cube
6 faces 12 edges
8 vertices



cuboid
6 faces 12 edges
8 vertices



cylinder
3 faces 2 edges
0 vertices



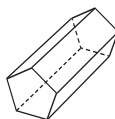
cone
2 faces 1 edge
1 vertex



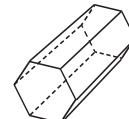
sphere
1 face 0 edges
0 vertices



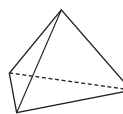
triangular prism
5 faces 9 edges
6 vertices



pentagonal prism
7 faces 15 edges
10 vertices



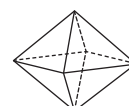
hexagonal prism
8 faces 18 edges
12 vertices



tetrahedron
(triangular-based pyramid)
4 faces 6 edges
4 vertices

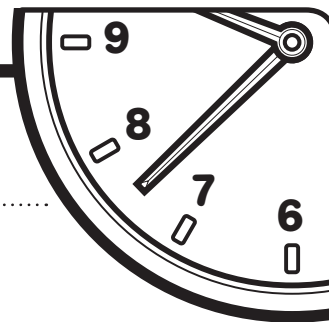


square-based pyramid
5 faces 8 edges
5 vertices



octahedron
8 faces 12 edges
6 vertices

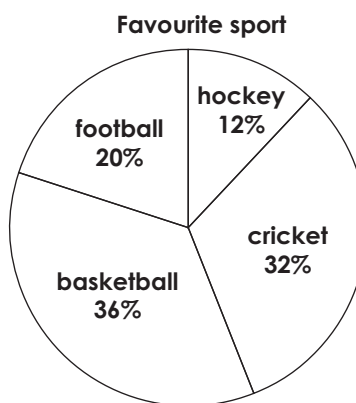
Minute 1



Name: Date:

1. For 902 798, write the digit in the hundreds place.
2. $6 \times 2 = \dots\dots\dots$
3. Can 351 be evenly divided by 2? Circle: Yes or No
4. $80 \div 8 = \dots\dots\dots$
5. Write the time 3 hours after 9.00 pm.

Use the circle graph to complete Questions 6 to 8.



6. What percentage of people prefer cricket?
7. What two sports together equal the same percentage as cricket? and
8. Which sport has the greatest percentage?
9. How many sides does a rectangle have? sides
10. 1 metre = centimetres

My score:

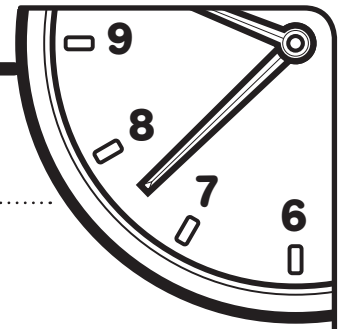
10

My time:

..... minutes

..... seconds

Minute 2



Name: Date:

Use the pictograph to complete Questions 1 to 3.

1. How many books did

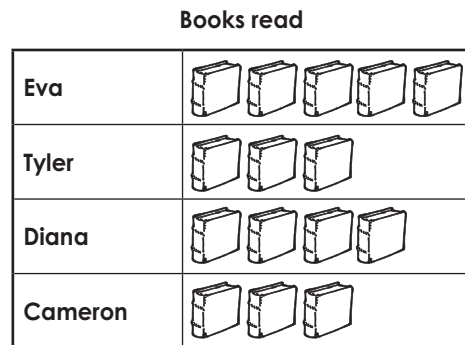
Eva read? books

2. How many more books did Eva

read than Diana? books

3. Two students read the minimum
number of books. How many books

did they each read? books



Each  equals 5 books

4. $77 \div 7 = \dots\dots\dots$

5. How many sides does a **pentagon** have? sides

6. Write the missing family fact.

$$14 - 8 = 6$$

$$14 - 6 = 8$$

$$6 + 8 = 14$$

$$8 + \boxed{} = \boxed{}$$

7. The value of the bold digit in **3**26 619 is three hundred thousand.

Circle: True or False

8. Write a fraction for the shaded area.



9. 1 minute = seconds

10. Continue the pattern.

0, 3, 6, 9, , ,

My score:

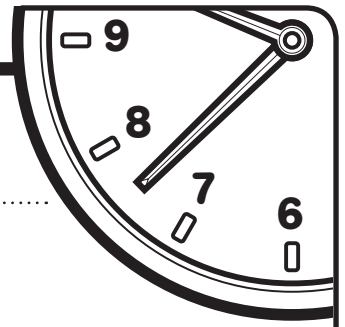
10

My time:

.....
minutes

.....
seconds

Minute 3



Name: Date:

1. Write this number in standard form:

four hundred and seventy-three thousand, six hundred and sixty-five.

.....

2. $80 \div 10 = \dots\dots\dots$

Use the circle graph to complete Questions 3 to 5.

3. What do the lowest percentage of children do on Saturday?

4. What do 35% of the children do?

5. Do more children play outside or watch a film?



6. $7 \times 7 = \dots\dots\dots$

7. What time is 14 hours after 3.00 am?

8. Circle the name of the solid shape. sphere cone cylinder pyramid



9. Complete the equation for 'The difference between 8 and 12 equals 4'.

$\square - \square = \square$

10. Double 70.

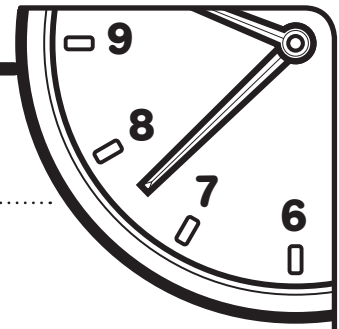
My score:

10

My time:

..... minutes seconds

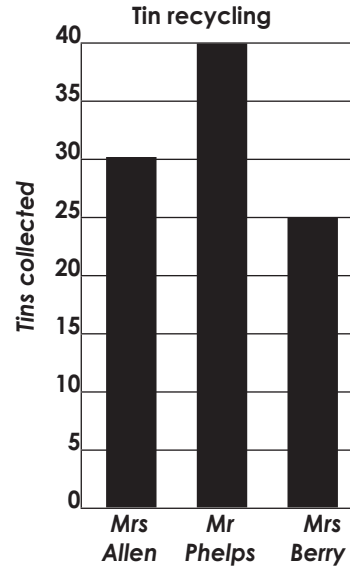
Minute 4



Name: Date:

Use the bar graph to complete Questions 1 to 3.

- How many tins did Mrs Berry's class collect? tins
- How many tins did Mr Phelps' class collect? tins
- What was the total number of tins collected? tins
- Write the missing family fact.



$$42 \div 7 = 6$$

$$42 \div 6 = 7$$

$$7 \times 6 = 42$$

$$6 \times \boxed{} = \boxed{}$$

- 4 years = months
- 1 cm = mm
- $80 \div 4 = \dots\dots\dots$
- Write a fraction for the number of shaded triangles.



$$9. \quad 6 \times 8 = \dots\dots\dots$$

- Circle the rule for the sequence: 98, 87, 76, 65.

Add 10 Subtract 10 Add 11 Subtract 11

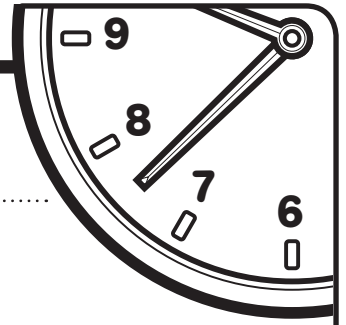
My score:

10

My time:

..... minutes seconds

Minute 5



Name: Date:

1. $100 \div 20 = \dots\dots\dots$

2. $10 \times 4 = \dots\dots\dots$

3. $1 \text{ km} = 1000 \text{ m}$

$18 \text{ km} = \dots\dots\dots \text{ m}$

4. Can 917 be evenly divided by 5? Circle: Yes or No

5.
$$\begin{array}{r} 47 \\ + 22 \\ \hline \end{array}$$

.....

6. Circle the greatest number.

87 987

646 354

305 003

7. Write a fraction for the number of shaded squares.



8. Continue the pattern.

72, 62, 52, , ,

Use the table to complete Question 9 and 10.

Price	\$2	\$4	\$6	\$8	\$10
Number of raffle tickets	5	10	15		

9. How many tickets would \$8 buy? tickets

10. How many tickets would \$10 buy? tickets

My score:

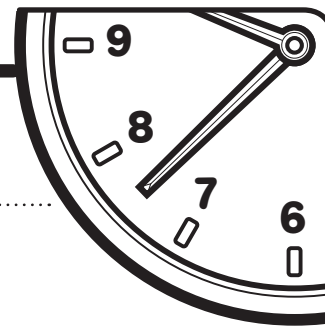
10

My time:

..... minutes

..... seconds

Minute 6



Name: Date:

1. $8 + 8 + 5 = \dots\dots\dots$

2.
$$\begin{array}{r} 497 \\ - 253 \\ \hline \end{array}$$

.....

3. Complete the equation for 'the sum of six and seven'. $\square + \square = \square$

4. $8 \times 10 = \dots\dots\dots$

5. $21 \div 3 = \dots\dots\dots$

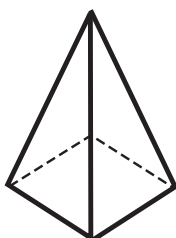
6. $1 \text{ kg} = \dots\dots\dots \text{g}$

7. 2, 3, 5, 7, 11 are all prime numbers. Circle: True or False

8. How many centimetres are in 2 metres? centimetres

9. $65 \div 5 = \dots\dots\dots$

10. Circle the name of the solid shape.



square pyramid

rectangular pyramid

triangular pyramid

My score:

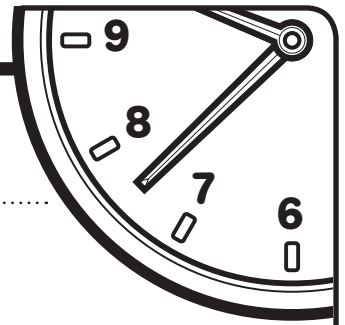
10

My time:

.....
minutes

.....
seconds

Minute 7



Name: Date:

1. Write the missing family fact.

$3 + 8 = 11$

$8 + 3 = 11$

$11 - 8 = 3$

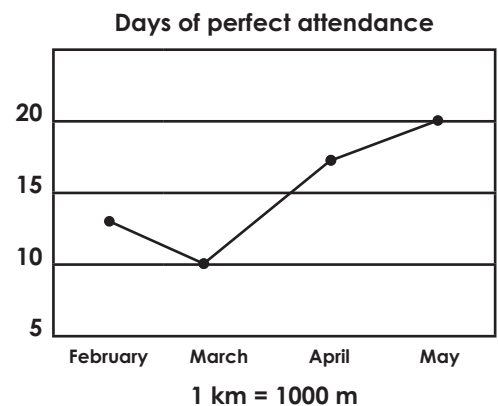
$\square - \square = \square$

$$\begin{array}{r} 267 \\ + 32 \\ \hline \end{array}$$

Use the line graph to complete Questions 3 and 4.

3. How many days of perfect attendance were there in March? days

4. Did the perfect attendance **increase** or **decrease** from April to May?



5. $4 \times 6 = \dots\dots\dots$

6. 1 cm = mm

7. 1 km = 1000 m

1.5 km = m

8. 120, 110, 100, , , ,

9. Write a fraction for the number of shaded stars.



10. $4 \overline{)800}$

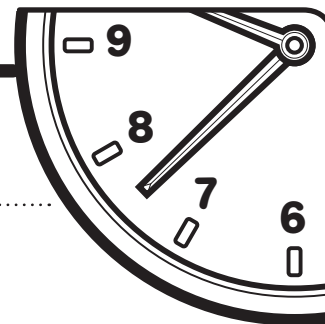
My score:

10

My time:

..... minutes seconds

Minute 8



Name: Date:

1. Round 684 to the nearest hundred.

2.
$$\begin{array}{r} 107 \\ + 314 \\ \hline \end{array}$$

.....

3. Write an equation for 'the product of 12 and 8'.

$\boxed{} \times \boxed{} = \boxed{}$

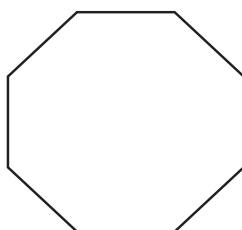
4. $7 \times 8 = \dots\dots\dots$

5. A prime number is a whole number greater than 1 that has only itself and 1 as factors. Circle: True or False

6. Write the time 11 hours after 5.00 pm.

7. $8 \overline{)64}$

8. Write the name of the shape.



9. 1 kg = 1000 g 3 kilograms = grams

10. Circle the answer for $2 \overline{)203}$.

10 r 3

101 r 3

101 r 1

My score:

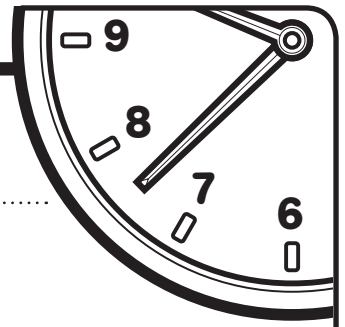
10

My time:

.....
minutes

.....
seconds

Minute 9



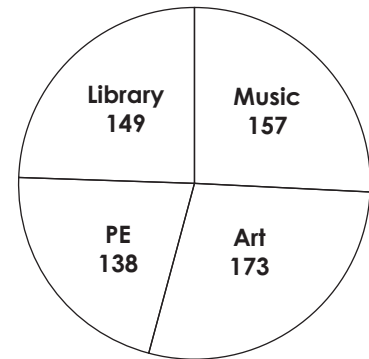
Name: Date:

1. For 902 798, write the digit in the ten thousands place.

2. Circle the answer for $32 + 54$. 66 76 86

Use the pie graph to complete Questions 3 and 4.

Students' favourite subject



3. How many students like music

the best? students

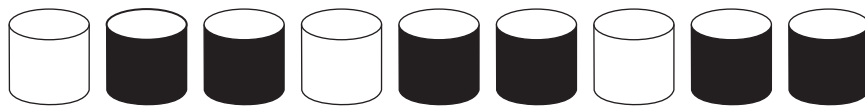
4. Which subject is liked the least?

5. $10 \times 6 =$

6. $45 \div 5 =$

7. 1 L = mL

8. Write a fraction for the number of shaded cans.



9. Write the measurement as shown by the arrow. centimetres



10. How many sides does a **hexagon** have? sides

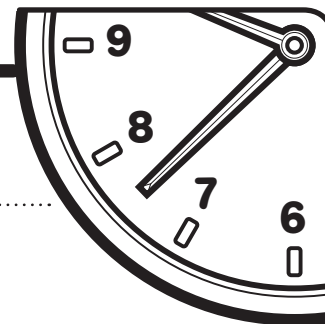
My score:

10

My time:

..... minutes seconds

Minute 10



Name: Date:

1. Name the value of the bold digit. 101 **7**00

2. Round 1064 to the nearest thousand.

3. $6 \times 6 =$

4. Can 192 be evenly divided by 3? Circle: Yes or No

5. Write a fraction for the shaded area.



6. $70 + 80 =$

7. Complete the equation for 'the product of 7 and 11'. $7 \square 11 = \square$

8. $(8 + 3) + 6 =$

Use the table to complete Questions 9 and 10.

Reading challenge

Books read	25	50	75
Free pizzas	1	2	3

9. How many free pizzas would you get if you read 100 books? pizzas

10. How many books would you have to read if you wanted 6 free pizzas?

..... books

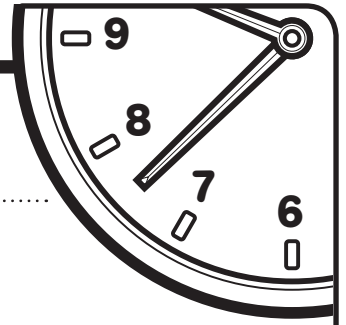
My score:

10

My time:

..... minutes seconds

Minute 11



Name: Date:

1. $800\,000 + 30\,000 + 1000 + 800 + 90 + 4 = \dots\dots\dots$

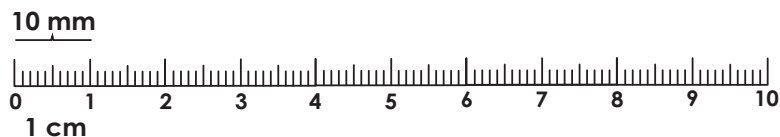
2. $10 \times 5 = \dots\dots\dots$

3.
$$\begin{array}{r} 993 \\ - 85 \\ \hline \end{array}$$

4. Is 29 a prime number? Circle: Yes or No

5. $36 \div 6 = \dots\dots\dots$

6. $15\text{ cm} = \dots\dots\dots\text{ mm}$



7. $(7 + 5) + 9 = \dots\dots\dots$

8. Complete the equation for 'the difference between 86 and 42'.

$86 \boxed{} 42 = \boxed{}$

9. Write the name of the figure.



10. $1\text{ kg} = 1000\text{ g}$

$15\text{ kg} = \dots\dots\dots\text{ g}$

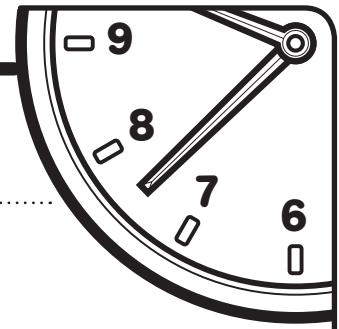
My score:

10

My time:

..... minutes seconds

Minute 12



Name: Date:

1.
$$\begin{array}{r} 819 \\ - 275 \\ \hline \end{array}$$

.....

2. Continue the pattern. 20, 24, 28,,,

3. $3 \overline{)42}$

4. 1 cm = 10 mm 68 cm = mm

5. Write the number in standard form:

nine hundred and thirty-three thousand and eighty-five.

6. Write the time 23 hours after 8.00 pm.

7. Write the missing family fact.

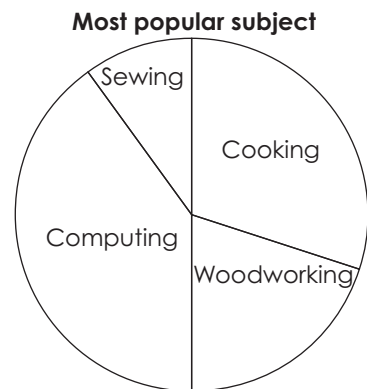
$4 \times 7 = 28$

$7 \times 4 = 28$

$28 \div 4 = 7$

$\boxed{} \div \boxed{} = \boxed{}$

Use the pie graph to complete Questions 8 and 9.



8. Which subject do most students enjoy?

9. Which subject is more popular: Cooking or Woodworking?

10. Write the name of the solid shape.



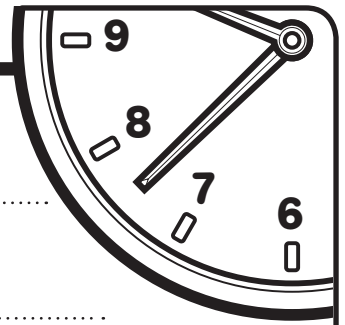
My score:

10

My time:

..... minutes seconds

Minute 13



Name: Date:

1. In 7 582 206, the digit 7 is in what place?

Use the pictograph to complete Questions 2 and 3.

2. How many angelfish are there?

..... angelfish

3. How many more goldfish are there than tetras? more goldfish

4. Use <, > or =.

512 521

5. $12 \times 3 =$

6. Can 504 be evenly divided by 6? Circle: Yes or No

7. 1L = 1000 mL 3L = mL

8.
$$\begin{array}{r} 7902 \\ + 708 \\ \hline \end{array}$$

.....

9. Write the fraction for the shaded area.



10. $7 \overline{)10}^r$

Fred's fish shop

Angelfish	   
Tetras	  
Fish guppies	 
Goldfish	    

 equals 5 fish

My score:

10

My time:

..... minutes

..... seconds

Minute 14



Name: Date:

1. $17 + 3 + 8 = \dots\dots\dots$

2. The **product** of 3 and 6 is

3.
$$\begin{array}{r} 643 \\ - 108 \\ \hline \end{array}$$

.....

4. Is 54 a prime number or a composite number?

5.
$$\begin{array}{r} 5 \\ 3 \\ + 7 \\ \hline \end{array}$$

.....

6. Write the measurement as shown by the arrow. centimetres.



7. Continue the pattern. 1, 3, 5,,,

8. One decade = years

9. Write 42 234 in words.

.....

10. Write the name of the solid shape.



My score:

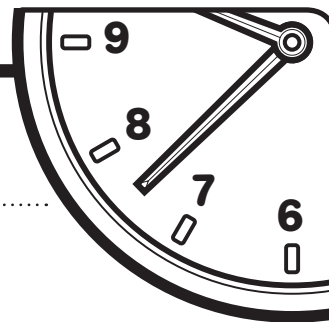
10

My time:

.....
minutes

.....
seconds

Minute 15



Name: Date:

1. Round 6705 to the nearest thousand.

2. Circle the digit in the **tenths** place. 742.943

3. 50 divided by 5 equals

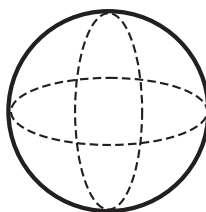
$$\begin{array}{r} 4. \quad 9809 \\ - \quad 818 \\ \hline \end{array}$$

5. 1 m = mm

6. Use < or >. 46 702 46 802

$$\begin{array}{r} 7. \quad 4 \\ \quad 2 \\ \quad 5 \\ + \quad 8 \\ \hline \end{array}$$

8. Write the name of the solid shape.



9. Continue the pattern. 2, 4, 8, 16,

10. Double 700.

My score:

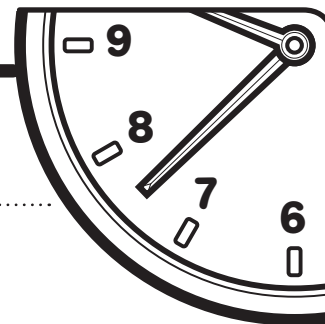
10

My time:

..... minutes

..... seconds

Minute 16



Name: Date:

1. Use $<$, $>$ or $=$. 641 967 641 897
2. Round 94 385 to the nearest hundred.
3. $10 \times 7 =$
4. A composite number has more than two factors. Circle: True or False
5. Continue the pattern. 21, 28, 35,,,
6. Write the missing family fact.

$$3 \times 8 = 24$$

$$24 \div 8 = 3$$

$$24 \div 3 = 8$$

$$\boxed{} \times \boxed{} = \boxed{}$$

Use the table to complete Questions 7 and 8.

Mealworms	20	40	60
Lizards	1	2	3

7. How many mealworms would be needed to feed 4 lizards?
..... mealworms
8. How many lizards could you feed with 100 mealworms? lizards
9. Circle the digit in the hundredths place. 67.03
10. Circle the name of the shape.

parallelogram

rhombus

trapezium



My score:

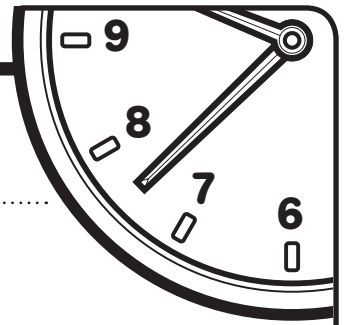
10

My time:

..... minutes

..... seconds

Minute 17



Name: Date:

1. Write the number in standard form:

twelve thousand, eight hundred and eleven.

2. Write the missing family fact.

$$6 + 9 = 15$$

$$9 + 6 = 15$$

$$15 - 9 = 6$$

$$\square - \square = \square$$

3. Circle the digit in the thousandths place. 9.463

4. Double 90.

5. $11 \times 9 =$

6. $20 \div 8 =$ r

7. Write the value. \$.



8. Write a fraction for the shaded area.



9. 2 litres = millilitres



10. Write the measurement as shown by the arrow.centimetres.



My score:

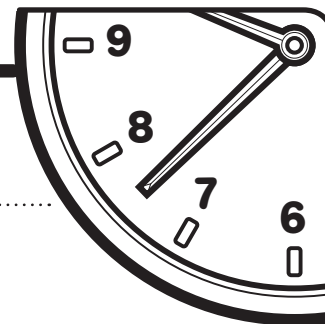
10

My time:

minutes

seconds

Minute 18



Name: Date:

1. $600\,000 + 30\,000 + 7000 + 100 + 50 + 1 = \dots\dots\dots$

2.
$$\begin{array}{r} 94 \\ - 48 \\ \hline \end{array}$$

.....
.....

3. Circle the digit in the tenths place. 420.177

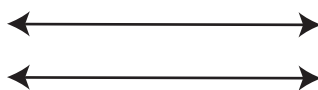
4. Double 600.

5. $24 \div 8 = \dots\dots\dots$

6. 1 tablespoon = 20 mL 4 tablespoons = mL

7. How many 50-cent pieces are in 5 dollars? 50-cent pieces

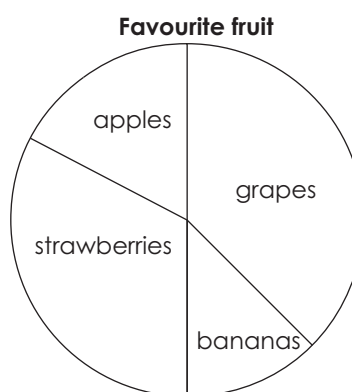
8. The lines are perpendicular. Circle: True or False



Use the pie graph to complete Questions 9 and 10.

9. Which is the most popular fruit?

10. Which fruit is less popular than apples?



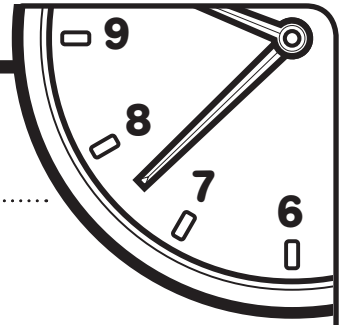
My score:

10

My time:

..... minutes seconds

Minute 19



Name: Date:

1. Circle the digit in the millions place. 8 179 265

2.
$$\begin{array}{r} 46 \\ - 17 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 9 \\ 4 \\ 1 \\ + 6 \\ \hline \end{array}$$

4. $6 \times 7 = \dots\dots\dots$

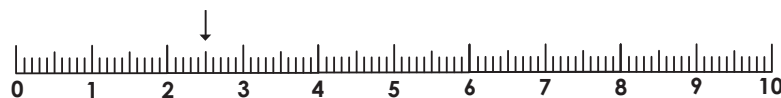
5. Share \$10.00 among 4 people. \$..... each

6. $4 \overline{)12}$

7. Double 450.

8. Circle the digit in the hundredths place. 14.208

9. Write the measurement as shown by the arrow. centimetres



10. Circle the name of the shape.



parallelogram

rhombus

trapezium

My score:

10

My time:

..... minutes

..... seconds

Minute 20



Name: Date:

1. Use $<$, $>$ or $=$. 547 134 54 713

2.
$$\begin{array}{r} 93 \\ + 87 \\ \hline \end{array}$$

.....

3. Circle the digit in the thousandths place. 13.426

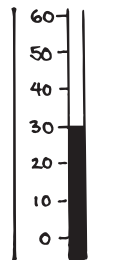
4. Continue the pattern. 72, 64, 56,,,

5. Write the number in standard form:

three hundred and seventy-two thousand, five hundred and twelve.

.....

6. What temperature is shown
on the thermometer? °C



7. $56 \div 7 =$

8. Double 90.

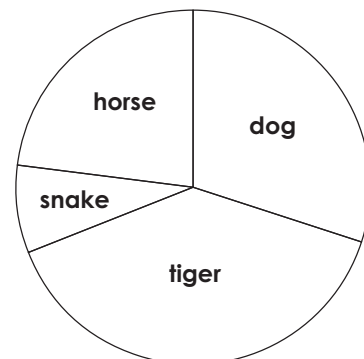
Use the pie graph to complete Questions 9 and 10.

9. Thirty percent of the students said their
favourite animal was a

10. What percentage of the students said the tiger
was their favourite animal?

25% 40% 70%

Students favourite animals



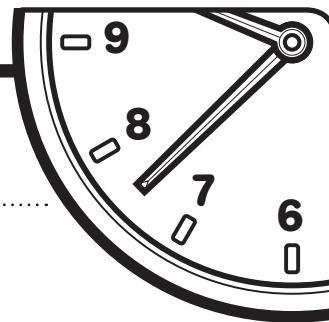
My score:

10

My time:

..... minutes seconds

Minute 21



Name: Date:

1. 5 weeks = days

2.
$$\begin{array}{r} 919 \\ - 584 \\ \hline \end{array}$$

.....

3. Write the number in standard form:

one hundred and eleven thousand, six hundred and thirty-six.

.....

4. How many legs altogether are there on 4 dogs? legs

5. 7 cm = mm

6. $48 \div 5 = \dots\dots\dots r \dots\dots\dots$

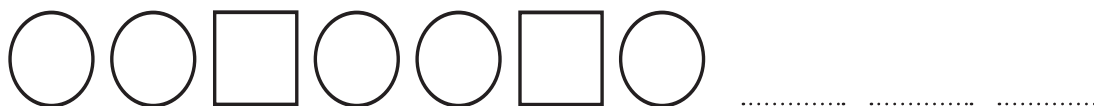
7. Round 65 470 to the nearest thousand.

8. Continue the pattern. 200, 211, 222,,

9. Write the numbers in order from lowest to highest.

3920 392 3092 923
.....

10. Draw what comes next in the pattern.



My score:

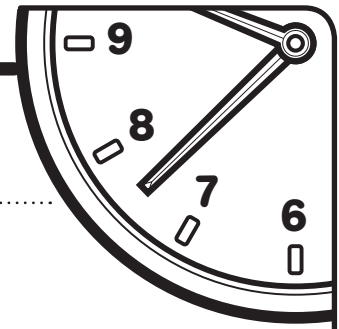
10

My time:

.....
minutes

.....
seconds

Minute 22



Name: Date:

1. $8 \times 5 = \dots\dots\dots$

2. $73 \div 3 = \dots\dots\dots r \dots\dots\dots$

3. Write an equation for 'the sum of 102 and 60'.

4.
$$\begin{array}{r} 30\,571 \\ + 12\,619 \\ \hline \end{array}$$

.....

5. Does $37 \div 18$ mean '18 less than 37'? Circle: Yes or No

Use the line graph to complete Questions 6 and 7.

6. On which quiz did Chas do the best?

.....

7. Did Chas' score **improve** or **decline** between quizzes 1 and 2?

.....

8. Use $<$, $>$ or $=$.

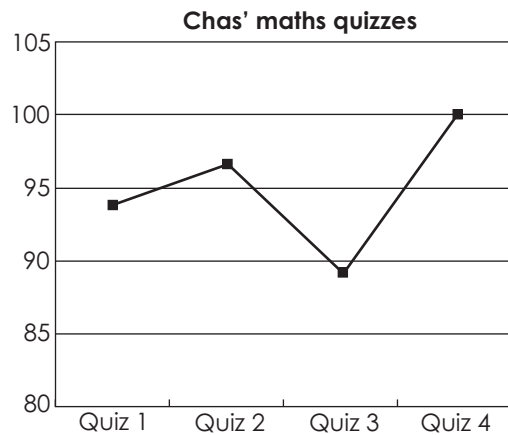
728 109 782 109

9. 1 cup = 250 mL

..... cups = 1 L (1000 mL)

10.
$$\begin{array}{r} 1 \\ 4 \\ 9 \\ + 6 \\ \hline \end{array}$$

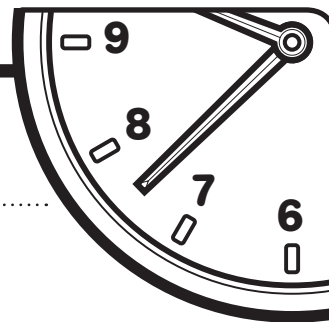
.....



My score: 10

My time: minutes seconds

Minute 23



Name: Date:

1. Round 11.64 to the nearest tenth.

Circle the answer. 11.6 11.7

2. $6\,000\,000 + 30\,000 + 70 = \dots\dots\dots$

3. How many eyes altogether on 8 children? eyes

4. 200
 - 73

.....

5. Write the missing family fact.

$$2 + 3 = 5$$

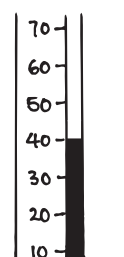
$$3 + 2 = 5$$

$$5 - 2 = 3$$

.....

6. $\$50.00 - \$35.00 \dots\dots\dots$

7. What temperature is shown on the thermometer? °C



8. Round 2 540 812 to the nearest million. Circle the answer.

2 000 000 3 000 000

9. $8 + n = 20$;

therefore, $n = \dots\dots\dots$

10. \$5.24
 + \$2.72

.....

My score:

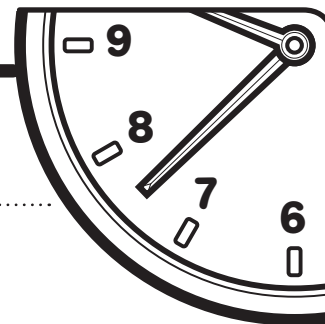
10

My time:

.....
minutes

.....
seconds

Minute 24



Name: Date:

1. Write the numbers in order from lowest to highest.

8.54 8.45 8.05 8.40

.....

2.
$$\begin{array}{r} 81 \\ + 15 \\ \hline \end{array}$$

.....

3. Round 16.1513 to the nearest thousandth. Circle the answer.

16.151 16.152

4. $10 \times 11 = \dots\dots\dots$

5.
$$\begin{array}{r} 3972 \\ - 1023 \\ \hline \end{array}$$

.....

6. Write the measurement as shown by the arrow. millimetres



7. Write the value of the bold digit. 9 **8**62 467

8. Write the missing family fact.

$3 \times 8 = 24$

$8 \times 3 = 24$

$24 \div 8 = 3$

.....

9.
$$\begin{array}{r} \$7.45 \\ - \$6.04 \\ \hline \end{array}$$

.....

10. Draw what comes next in the pattern.

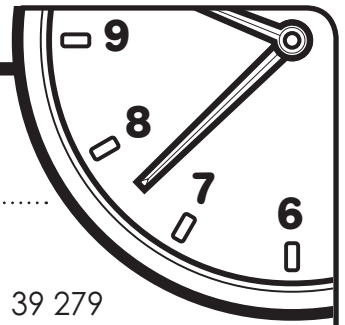
My score:

10

My time:

..... minutes seconds

Minute 25



Name: Date:

1. Circle the lowest number. 39 725 94 387 49 747 39 279

2. 1116
+ 407
.....
.....

3. $10 \times 12 = \dots\dots\dots$

4. Round 70 954 to the nearest hundred. Circle the answer.

70 900 71 000

5. How many points did Team 5 score? points

Team	1	2	3	4	5	6
Points	3	9	27	81		729

6. $121 \div 11 = \dots\dots\dots$

Use the pie graph to complete Questions 7 to 9.

7. What is the most common number of family members? members

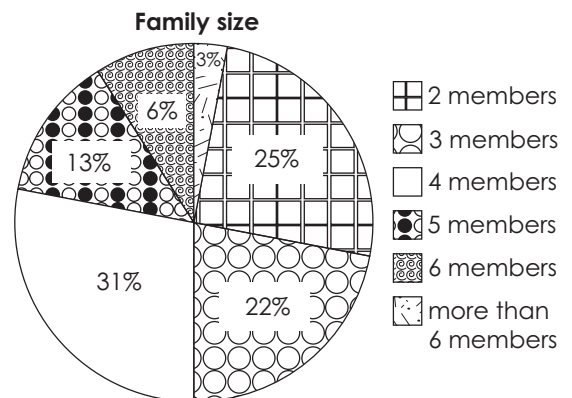
8. What percentage of people have 3 family members?

9. Just 6% of families have how many family members? members

10. Write the numbers in order from highest to lowest.

14.92 19.42 14.29 19.24

.....



My score:

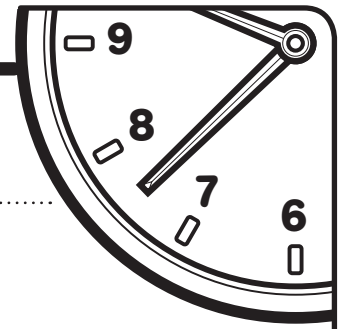
10

My time:

minutes

seconds

Minute 26



Name: Date:

1.
$$\begin{array}{r} 857 \\ - 432 \\ \hline \end{array}$$

.....

2. Circle the digit in the hundredths place. 0.54

3. Write the missing family fact.

$$5 + 6 = 11$$

$$11 - 5 = 6$$

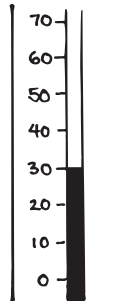
$$11 - 6 = 5$$

.....

4. $90 \times 5 = \dots\dots\dots$

5. What temperature is shown

on the thermometer? °C



6. When you multiply any number by 0, the product is 0.

Circle: True or False

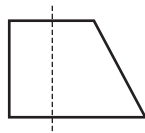
7. Use <, >, or =. 8 015 943 8 019 435

8. $26 \div 4 = \dots\dots\dots r \dots\dots\dots$

9. $10 + a = 25$;

therefore, $a = \dots\dots\dots$.

10. Is the dashed line a line of symmetry? Circle: Yes or No



My score:

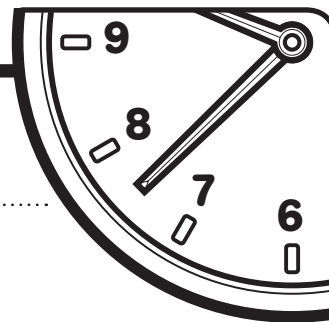
10

My time:

..... minutes

..... seconds

Minute 27



Name: Date:

1.
$$\begin{array}{r} 620 \\ + 921 \\ \hline \end{array}$$

.....

2. Round 0.**3**58 to the **bold** place.

Circle the answer. 0.3 0.4

3. $10 \times 14 = \dots\dots\dots$

4. $\$50.00 - \$32.00 = \dots\dots\dots$

5.
$$\begin{array}{r} 8653 \\ - 6228 \\ \hline \end{array}$$

.....

6. Write the missing family fact.

$6 \times 9 = 54$

$9 \times 6 = 54$

$54 \div 9 = 6$

.....

7. $19 \text{ L} = \dots\dots\dots \text{ mL}$

8. Is 37 a prime number or a composite number?

9. $39 \div 3 = \dots\dots\dots$

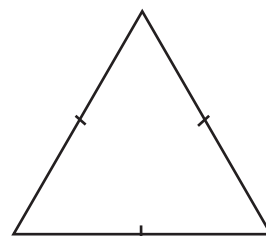
10. Circle the name of the triangle.

isosceles

equilateral

scalene

right-angle



My score:

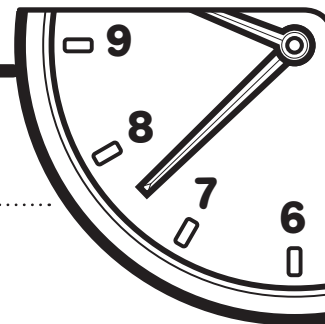
10

My time:

.....
minutes

.....
seconds

Minute 28



Name: Date:

1. Circle the digit in the tenths place. 4.032

2. $10 \times 9 = \dots\dots\dots$

3. $\begin{array}{r} \$2.04 \\ - \$1.53 \\ \hline \end{array}$

.....

4. $x - 25 = 10$;
therefore, $x = \dots\dots\dots$.

5. $\begin{array}{r} 8 \\ 5 \\ 3 \\ + 2 \\ \hline \end{array}$

.....

6. $28 \div 2 = \dots\dots\dots$

7. All sides are congruent in a scalene triangle. Circle: True or False

8. $\begin{array}{r} 127 \\ - 96 \\ \hline \end{array}$

.....

9. Write the numbers in order from highest to lowest.

0.013 0.13 1.30 0.31

.....

10. Write a fraction for the number of shaded figures.



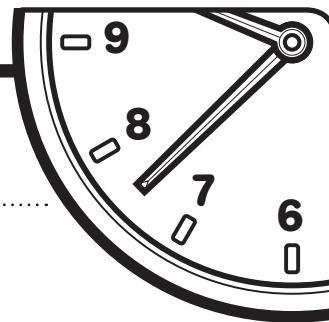
My score:

10

My time:

..... minutes seconds

Minute 29



Name: Date:

1. Write the missing family fact.

$$7 + 5 = 12$$

$$12 - 7 = 5$$

$$12 - 5 = 7$$

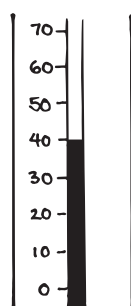
.....

2.
$$\begin{array}{r} 2197 \\ + 1557 \\ \hline \end{array}$$

.....

3. Can 226 be divided evenly by 9? Circle: Yes or No

4. What temperature is shown
on the thermometer?°C



5.
$$\begin{array}{r} 40.42 \\ - 17.19 \\ \hline \end{array}$$

.....

6. Circle the digit in the thousandths place. 4.580

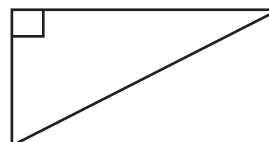
7. $\$50.00 - \$20.50 = \dots\dots\dots$

8.
$$\begin{array}{r} \$3.70 \\ - \$2.18 \\ \hline \end{array}$$

.....

9. Circle the name of the triangle.

isosceles equilateral scalene right-angle



10. $n + 10 = 25;$

therefore, $n = \dots\dots\dots$

My score:

10

My time:

..... minutes seconds

Minute 30



Name: Date:

1. $10 \times 10 = \dots\dots\dots$

2. $8 \overline{)144} = \dots\dots\dots$

3. $37 + y = 87$;
therefore, $y = \dots\dots\dots$.

4. Round 3.**1**01 to the bold place. Circle the answer. 3.1 3.11

5. \$13.07
+ \$ 0.51
.....
.....

6. Write the digit in the ten thousands place. 76 543

7.  = 1000 kilograms

4 tonnes = kilograms

8. Write the missing family fact.

$8 + 5 = 13$

$5 + 8 = 13$

$13 - 5 = 8$

.....

9. Are the triangles congruent?



10. Write the numbers in order from lowest to highest.

16.15 15.16 16.51 16.01

.....

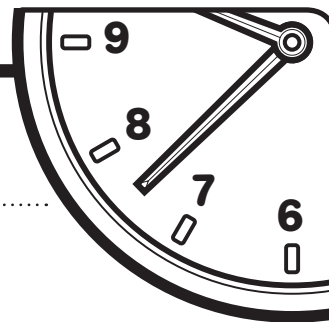
My score:

10

My time:

..... minutes seconds

Minute 31



Name: Date:

1.
$$\begin{array}{r} 525 \\ + 326 \\ \hline \end{array}$$

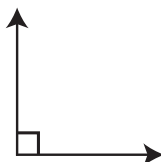
.....

2. Circle the digit in the hundredths place. 73.15

3. $1\,000\,000 + 70\,000 + 400 + 9 = \dots\dots\dots$

4. $50 \times 7 = \dots\dots\dots$

5. Write the name of the angle.



6. How much money is $(1 \times \$1) + (3 \times 50c) + (1 \times 20c) + (3 \times 10c)$?

7. Write the missing family fact.

$$4 \times 8 = 32$$

$$8 \times 4 = 32$$

$$32 \div 8 = 4$$

.....

8.
$$\begin{array}{r} 4076 \\ - 2633 \\ \hline \end{array}$$

.....

9. 8 metres – 5 metres = metres

10. $8 \times n = 56$;

therefore, $n = \dots\dots\dots$

My score:

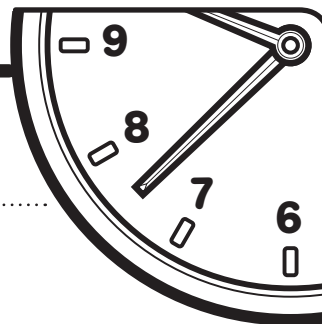
10

My time:

.....
minutes

.....
seconds

Minute 32



Name: Date:

1. 5 20-cent pieces = 10-cent pieces

2. $20 \times 9 = \dots\dots\dots$

3. Can a line of symmetry be drawn on the shape?

Circle: Yes or No



4. $1\frac{1}{2}$ cm = mm

5. 16 litres – 7 litres = litres

6.
$$\begin{array}{r} 751 \\ - 39 \\ \hline \end{array}$$

.....

7. $x \div 8 = 3$;
therefore, $x = \dots\dots\dots$

8.
$$\begin{array}{r} 1 \\ 9 \\ 2 \\ + 8 \\ \hline \end{array}$$

.....

9. Use <, > or =.

3 052 112 3 052 115

10. Draw what comes next in the pattern.



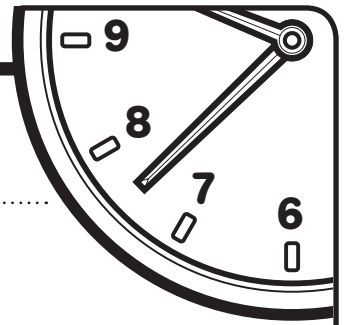
My score:

10

My time:

..... minutes seconds

Minute 33



Name: Date:

1.
$$\begin{array}{r} 11\,700 \\ + 92\,798 \\ \hline \end{array}$$

.....

2. Circle the digit in the tenths place. 35.418

Use the pie graph to complete Questions 3 to 5.

3. Which season is the least favourite?

4. What is the title of the graph?

.....

5. Which two seasons are equally favoured?

..... and

6. Write the missing family fact.

$$4 \times 8 = 32$$

$$8 \times 4 = 32$$

$$32 \div 8 = 4$$

.....

7. $6 \overline{)96}$

8. $100 \times 30 = \dots\dots\dots$

9. Write the numbers in order from highest to lowest.

10.30

10.03

1.03

10.33

.....

.....

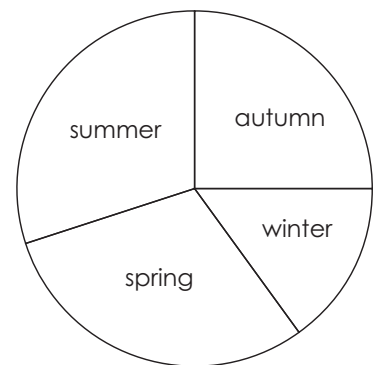
.....

.....

10. Circle coins that equal \$0.65.



Favourite seasons



My score:

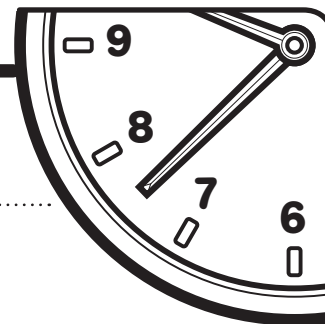
10

My time:

..... minutes

..... seconds

Minute 34



Name: Date:

1. $6\frac{1}{4}$ km = m

2. $14 + a = 18$;
therefore, $a =$

3. $3 \overline{) 216}$

4. Circle the digit in the thousandths place. 1.23046

5.
$$\begin{array}{r} 16.02 \\ - 3.40 \\ \hline \end{array}$$

6. $60 \times 80 =$

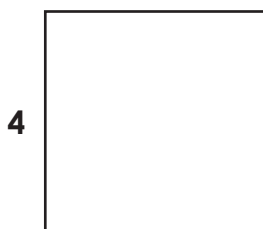
7. If you buy 30 items, how many will you get for free? free items

Bought items	5	10	15	20		
Free items	1	3	5	7		

8.
$$\begin{array}{r} \$7.97 \\ + \$1.36 \\ \hline \end{array}$$

9. Use $<$, $>$ or $=$. 308 912 380 911

10. What is the perimeter of the square? units



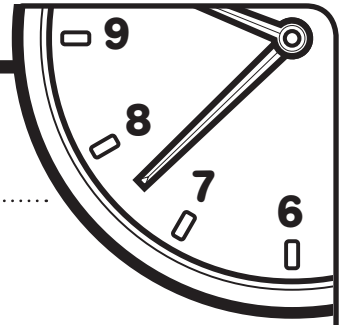
My score:

10

My time:

..... minutes seconds

Minute 35



Name: Date:

1. $2050 \text{ g} = \dots\dots\dots \text{ kg}$

2.
$$\begin{array}{r} 531 \\ - 89 \\ \hline \end{array}$$

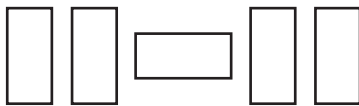
 $\dots\dots\dots$

3. $1 \text{ cup} = 250 \text{ mL}$

$8 \text{ cups} = \dots\dots\dots \text{ L}$

4. $84 \div 7 = \dots\dots\dots$

5. Draw what comes next in the pattern.



.....

6. $56 \div n = 7;$

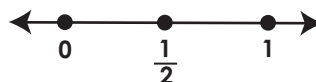
therefore, $n = \dots\dots\dots$

7. $70 \times 60 = \dots\dots\dots$

8. $\$100 - \$47 = \$ \dots\dots\dots$

9. $4.14 + 5.12 = \dots\dots\dots$

10. Placed on the number line, is $\frac{1}{7}$ closest to 0, $\frac{1}{2}$ or 1?



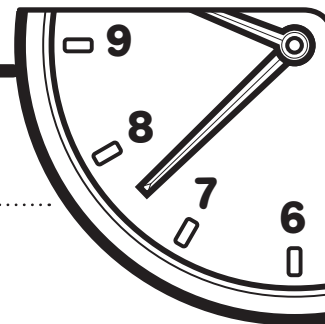
My score:

10

My time:

.....
minutes seconds

Minute 36



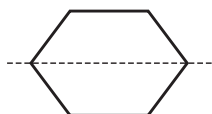
Name: Date:

1. Round 16.13 to the bold place.

2. Underline the product of 17×6 .

617 102 176 201

3. Is the dashed line a line of symmetry?



Circle: Yes or No

4. 7.5 cm = mm

5.
$$\begin{array}{r} 1127 \\ + 221 \\ \hline \end{array}$$

.....

6. How many 20c coins make up \$3?

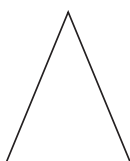
7. $9 \overline{)171}$

8.
$$\begin{array}{r} \$7.13 \\ + \$0.15 \\ \hline \end{array}$$

.....

9. Circle the name of the triangle.

right-angle isosceles scalene



10. $46 - b = 30$;

therefore, $b = \dots\dots\dots$

My score:

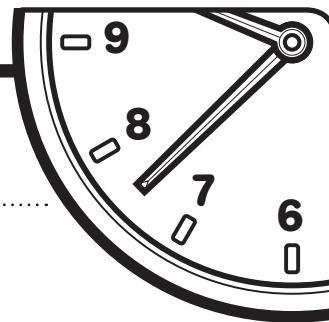
10

My time:

..... minutes

..... seconds

Minute 37



Name: Date:

1. Write the missing family fact.

$$3 \times 6 = 18$$

$$18 \div 6 = 3$$

$$18 \div 3 = 6$$

$$.....$$

2.
$$\begin{array}{r} \$10.91 \\ - \$9.25 \\ \hline \end{array}$$

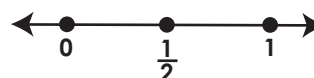
.....

3. What would the temperature be if it fell 15 degrees?°C

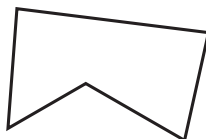
4. $1 \text{ t} = 1000 \text{ kg}$ $6\frac{1}{2} \text{ t} = \text{ kg}$

5. $900 \div 90 =$

6. If placed on the number line, is $\frac{11}{12}$ closer to 0, $\frac{1}{2}$ or 1?



7. Is the shape symmetrical?



Circle: Yes or No

8.
$$\begin{array}{r} \$6.85 \\ + \$2.03 \\ \hline \end{array}$$

.....

9. Circle the digit in the hundredths place. 16.39

10.
$$\begin{array}{r} 90\,776 \\ - 87\,644 \\ \hline \end{array}$$

.....

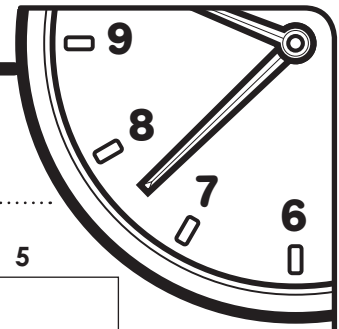
My score:

10

My time:

..... minutes seconds

Minute 38



Name: Date:

1. What is the perimeter of the rectangle? units

2



2. Write the numbers in order from highest to lowest.

0.18 0.81 0.01 0.08

.....

3.
$$\begin{array}{r} 85 \\ \times 4 \\ \hline \end{array}$$

.....

4.
$$\begin{array}{r} 6 \\ 7 \\ 3 \\ + 4 \\ \hline \end{array}$$

.....

5. $60 \div 4 = \dots\dots\dots$

6. $13 \text{ km} = \dots\dots\dots \text{ m}$

7. How much time is it from 8.00 am to 11.30 am? hours minutes

8. $19 + n = 37$;
therefore, $n = \dots\dots\dots$

9. Circle the name of the triangle.

equilateral isosceles scalene



10. Draw what comes next in the pattern.



.....

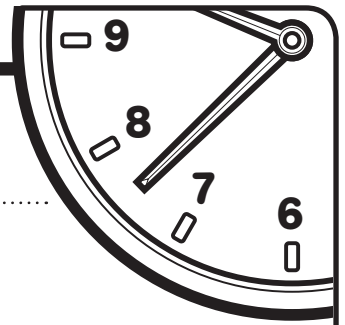
My score:

10

My time:

..... minutes seconds

Minute 39



Name: Date:

1. How many 20c coins make up \$2.40?

$$\begin{array}{r} 2. \quad 186 \\ \times \quad 3 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 3. \quad 211.60 \\ - \quad 16.12 \\ \hline \end{array}$$

.....

4. 45 g = kg (1000 g = 1 kg)

5. Circle the digit in the tenths place. 25.16

$$\begin{array}{r} 6. \quad 813 \\ + \quad 529 \\ \hline \end{array}$$

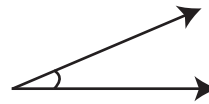
.....

7. Circle the name of the angle.

acute

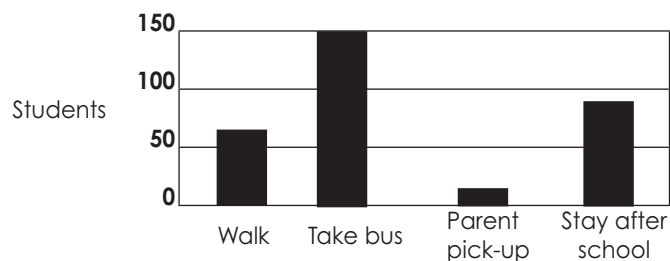
right

obtuse



Use the bar graph to complete Questions 8 to 10.

After-school transportation



8. Do more students walk home or stay after school?

9. How many students take the bus? students

10. What is the least common after-school transportation?

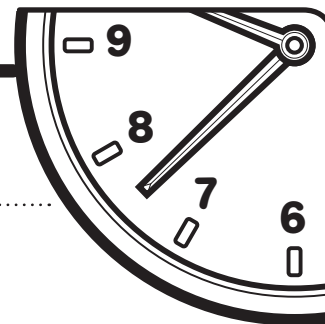
My score:

10

My time:

..... minutes seconds

Minute 40



Name: Date:

1.
$$\begin{array}{r} 9753 \\ - 8108 \\ \hline \end{array}$$

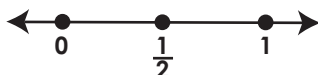
.....

2. Circle the digit in the thousandths place. 7.6314

3.
$$\begin{array}{r} 190 \\ \times 7 \\ \hline \end{array}$$

.....

4. If placed on a number line, is $\frac{19}{20}$ closer to 0, $\frac{1}{2}$, or 1?



5. How many students could ride on 4 buses? students

Students	48	96	144	
Buses	1	2	3	4

6.
$$\begin{array}{r} 20.16 \\ + 15.10 \\ \hline \end{array}$$

.....

7. $240 \div 60 = \dots\dots\dots$

4



8. What is the perimeter of the square? units

9. 4 hours and 15 minutes – 1 hour and 5 minutes =

..... hour(s) and minute(s)

10. $70 - n = 38;$

therefore, $n = \dots\dots\dots$

My score:

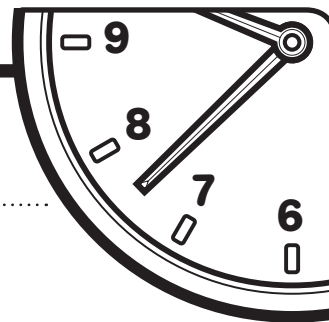
10

My time:

..... minutes

..... seconds

Minute 41



Name: Date:

1. $\begin{array}{r} \$22.09 \\ + \$7.35 \\ \hline \end{array}$

2. Round 0.2**0**9 to the bold place.

3. $90 \div 6 = \dots\dots\dots$

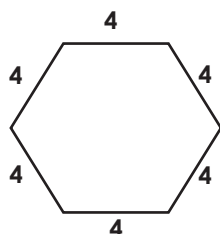
4. 31 m and 80 cm – 3 m and 60 cm = m cm.

5. A scalene triangle has no congruent sides. Circle: True or False

6. $\begin{array}{r} \$10.09 \\ - \$7.13 \\ \hline \end{array}$

7. $7 \times n = 84$;
therefore, $n = \dots\dots\dots$

8. 2.7 m = cm (1 m = 100 cm)



9. What is the perimeter of the shape? units

10. Circle how many lines of symmetry the shape has. 1 2 3 4



My score:

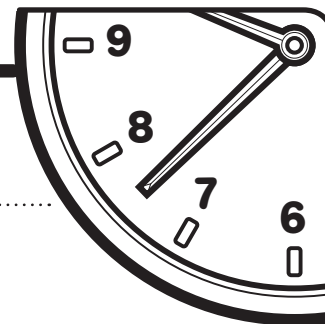
10

My time:

minutes

seconds

Minute 42



Name: Date:

1. $540 \div 6 = \dots\dots\dots$

2. A number is divisible by 3 if the sum of its digits is divisible by 3.

Circle: True or False

3. How many apples are in 1 dozen? apples

4. $\begin{array}{r} \$4.73 \\ \times 8 \\ \hline \end{array}$
.....

5. $15 \times n = 45$;
therefore, $n = \dots\dots\dots$

6. $0.14 + 16.15 = \dots\dots\dots$

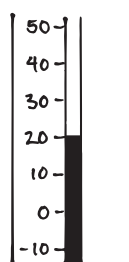
Use the table to complete Questions 7 to 8.

Roosters	1	2	3	4	5	6	7	8
Chickens	25	50	75					

7. If there are 5 roosters, how many chickens are there? chickens

8. If there are 200 chickens, how many roosters are there? roosters

9. What would the temperature be
if it decreased by 8 degrees?°C



10. rate = 60 kilometres/hour

If a car travels for 2 hours, how many kilometres will it travel? kilometres

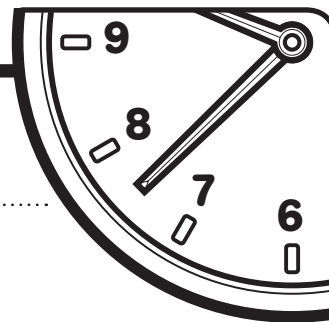
My score:

10

My time:

..... minutes seconds

Minute 43



Name: Date:

1. $7 \overline{)1750}$

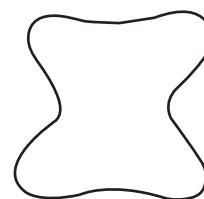
2. $\begin{array}{r} \$9.83 \\ - \$8.92 \\ \hline \end{array}$
.....

3. A number is divisible by 4 if the last two digits are divisible by 4.

Circle: True or False

4. Circle how many lines of symmetry the shape has.

1 2 3 4



5. Use $<$, $>$ or $=$.

$14\,760 \boxed{} 14\,706$

6. $\$100 - \$39.75 = \dots\dots\dots$

7. Round 12 892 to the nearest hundred.

8. Circle the name of the angle. acute right obtuse



9. $60 \div 3 = \dots\dots\dots$

10. $23 \times b = 92$;
therefore, $b = \dots\dots\dots$

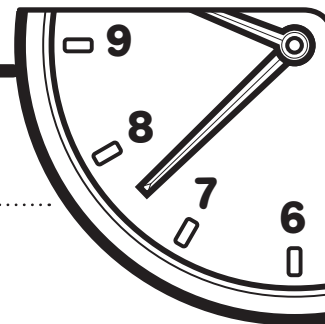
My score:

10

My time:

..... minutes seconds

Minute 44



Name: Date:

1. $\$100 - \$44.50 = \dots\dots\dots$

2. $\$3.50$
 $\times \quad 6$

3. Double 160.

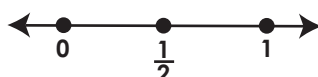
Use the table to complete Questions 4 and 5.

Red ribbons	4	6	8	10	12	14	16	18
Blue ribbons	7	14	21					

4. If there are 18 red ribbons, how many blue ribbons are there? blue ribbons

5. If there are 42 blue ribbons, how many red ribbons are there? red ribbons

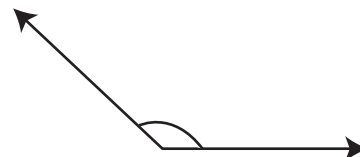
6. If placed on a number line, is $\frac{9}{15}$ closer to 0, $\frac{1}{2}$ or 1?



7. rate = 80 kilometres/hour

If a bus travels for 3 hours, how many kilometres will it travel? kilometres

8. Write the name of the angle.



9. A protractor is used to measure angles. Circle: True or False

10. $4 \overline{)68}$

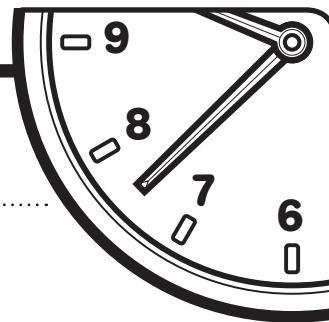
My score:

10

My time:

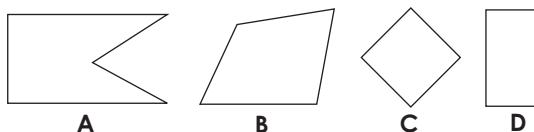
..... minutes seconds

Minute 45



Name: Date:

1. Can 1025 be evenly divided by 5? Circle. Yes or No
2. 21 days = weeks
3. There are 42 weeks in one year. Circle: True or False
4. Circle the shape that does not belong.



5. $6 \times n = 72$;
therefore, $n = \dots\dots\dots$
6. 125 minutes = hour(s) minute(s)
7. $0.25 \times 10 = \dots\dots\dots$
8. Write the measurement as shown by the arrow. millimetres



9.
$$\begin{array}{r} 1803 \\ \times 2 \\ \hline \end{array}$$

10.
$$9 \overline{)3060}$$

My score:

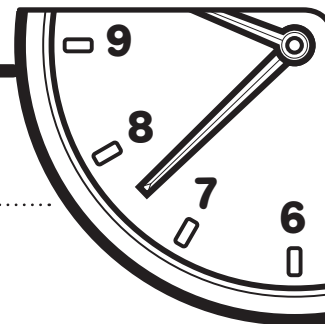
10

My time:

minutes

seconds

Minute 46



Name: Date:

1. $(1 \times 50c) + (6 \times 20c) + (3 \times 10c) = \dots\dots\dots$

2. $\begin{array}{r} \$1.42 \\ \times \quad 4 \\ \hline \end{array}$
.....

3. $7 \overline{)44.45}$

4. $\$50.00 - \$21.90 = \dots\dots\dots$

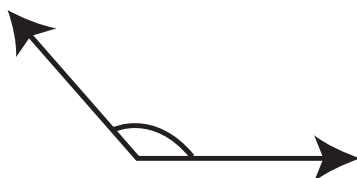
5. $5 \overline{)21}^r \dots\dots\dots$

6. Are the two shapes congruent?



Circle: Yes or No

7. Circle the name of the angle. acute right obtuse



9. $\begin{array}{r} 6127 \\ \times \quad 5 \\ \hline \end{array}$
.....

9. A number is divisible by 4 if the last two digits are divisible by 4.

Circle: True or False

10. rate = 45 kilometres/hour

If a bus travels for 4 hours, how many kilometres will it travel?kilometres

My score:

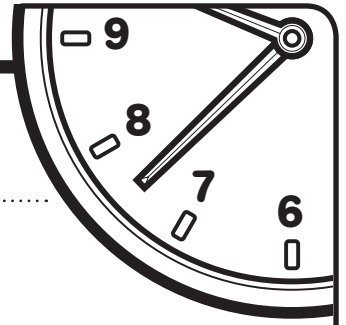
10

My time:

.....
minutes

.....
seconds

Minute 47



Name: Date:

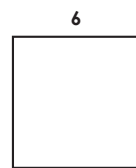
1. $1000 \text{ mL} = 1 \text{ L}$

$600 \text{ mL} = \dots\dots\dots \text{ L}$

2. $\frac{1}{2} = \frac{\dots}{6}$

3. $\begin{array}{r} \$9.80 \\ \times 5 \\ \hline \end{array}$

.....



4. The perimeter of the square isunits.

5. $51 \text{ minutes} \times 3 = \dots\dots\dots \text{ hour(s)} \dots\dots\dots \text{ minute(s)}$

6. Name this shape.



7. Circle the best estimate for the measurement of the angle. 40° 90° 170°



8. $17.19 - 0.20 = \dots\dots\dots$

9. $832 \div 4 = \dots\dots\dots$

10. Draw what comes next in the pattern.



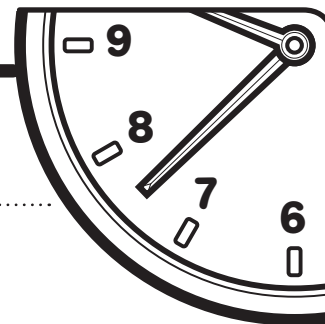
My score:

10

My time:

..... minutes seconds

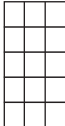
Minute 48



Name: Date:

1. $121 \div a = 11$;

therefore, $a = \dots\dots\dots$

2.  $\frac{2}{5} = \frac{\quad}{15}$ 

3. $\begin{array}{r} \$1.39 \\ - \$0.87 \\ \hline \end{array}$

.....

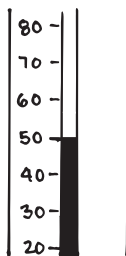
4. A number that is multiplied is called the factor. Circle: True or False

5. $\begin{array}{r} \$8.18 \\ \times \quad 9 \\ \hline \end{array}$

.....

6. 5 hours, 10 minutes + 2 hours, 40 minutes = hour(s) minute(s)

7. What would the temperature be if it fell by 11 degrees? °C



8. When you multiply any number by 0, the product is

9. $\begin{array}{r} \$8.42 \\ + \$3.88 \\ \hline \end{array}$

.....

10. $4 \overline{)412}$

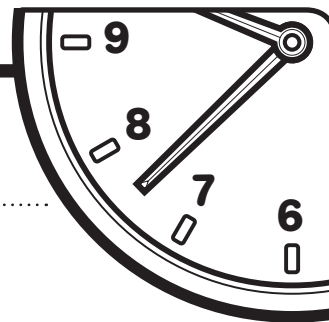
My score:

10

My time:

..... minutes seconds

Minute 49



Name: Date:

1. Write $\frac{12}{100}$ as a percentage. %

2. $4 \overline{)28.8}$

3. 1L = 1000 mL

7.2L = mL

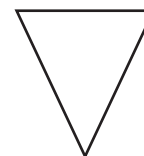
4. $Perimeter = l + w + l$ Circle: True or False

5. 4.04 L = mL

6. $\begin{array}{r} 407 \\ \times 6 \\ \hline \end{array}$

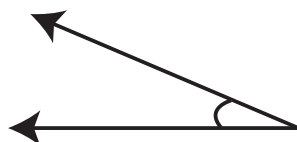
.....

7. Circle how many lines of symmetry the figure has. 1 2 3 4



8. Circle the best estimate for the measurement of the angle.

25° 90° 110°



9. The names of the line segment are and $\overline{HG}$.



10. $\begin{array}{r} 616 \\ \times 3 \\ \hline \end{array}$

.....

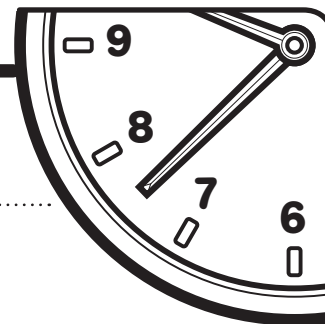
My score:

10

My time:

..... minutes seconds

Minute 50



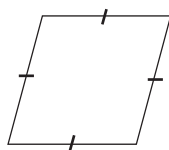
Name: Date:

1. $\begin{array}{r} \$30.14 \\ + \$ 6.27 \\ \hline \end{array}$

.....

2. $\frac{6}{9} = \frac{\quad}{27}$

3. Circle the name of the shape. rectangle trapezium rhombus



4. $\begin{array}{r} \$2.54 \\ \times \quad 5 \\ \hline \end{array}$

.....

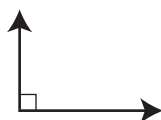
5. If the radius of a circle is 20 cm, the diameter is

6. 6 hours 13 minutes – 4 hours 7 minutes =hour(s)minute(s)

7. $\begin{array}{r} 2013 \\ \times \quad 9 \\ \hline \end{array}$

.....

8. Circle the name of the angle. acute right obtuse



9. $8 \overline{)22}^r$

10. Draw what comes next in the pattern.



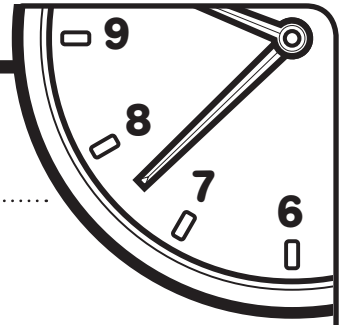
My score:

10

My time:

..... minutes seconds

Minute 51



Name: Date:

1. \$4.06

x 4

.....

2. Round 0.18 to the bold place.

3. $500 \times 8 =$

4. Write the missing family fact.

$2 \times 8 = 16$

$8 \times 2 = 16$

$16 \div 2 = 8$

.....

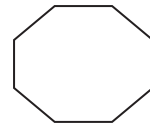
5. 203

x 8

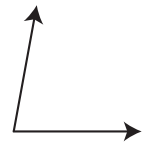
.....

6. 1 hour 12 minutes $\times 3 =$ hour(s)minute(s)

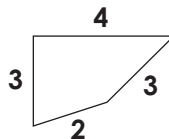
7. This shape is an



8. Circle the best estimate for the measurement of the angle. 60° 90° 145°



9. What is the perimeter of the shape? units



10. A shape is symmetrical if it can be divided so that both sides match.

Circle: True or False

My score:

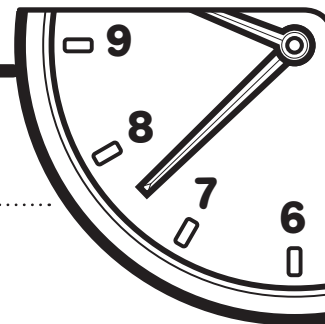
10

My time:

..... minutes

..... seconds

Minute 52



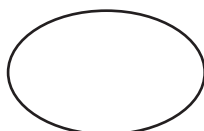
Name: Date:

1. $\begin{array}{r} \$0.95 \\ \times \quad 9 \\ \hline \end{array}$

.....

2. Is the shape symmetrical?

Circle: Yes or No



3. $0.008 \times 9 = \dots\dots\dots$

4. $60 \times 70 = \dots\dots\dots$

5. $7 \overline{)434}$

6. $\begin{array}{r} 20.11 \\ + \quad 6.12 \\ \hline \end{array}$

.....

7. rate = 40 kilometres/hour

If a train travels for 6 hours, how many kilometres will it travel? kilometres

8. $\begin{array}{r} 9341 \\ \times \quad 2 \\ \hline \end{array}$

.....

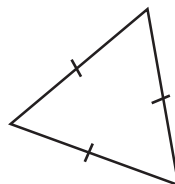
9. Does the letter **X** have a line of symmetry? Circle: Yes or No

10. Circle the name of the triangle.

equilateral

right-angle

isosceles



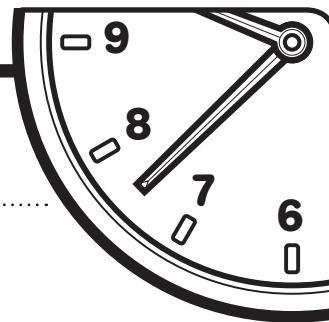
My score:

10

My time:

..... minutes seconds

Minute 53



Name: Date:

1. $\frac{1}{4} = \frac{\quad}{28}$

2. Circle the name of the figure.

rhombus parallelogram trapezium



3. $(3 \times 10c) + (1 \times 20c) + (4 \times 5c) = \$\dots\dots\dots$

4. Does the letter **D** have a line of symmetry?

5. rate = 10 kilometres/hour

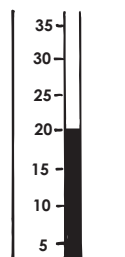
If Jake rode his bike for $1\frac{1}{2}$ hours, how many kilometres did he travel?

..... kilometres

6.
$$\begin{array}{r} 56 \\ \times 3 \\ \hline \end{array}$$

.....

7. What would the temperature be if it increased by 7 degrees?°C



8. $2 \overline{)0.036}$

Write the word that completes each sentence.

9. The answer in a subtraction problem is called the

difference quotient dividend

10. The answer in a division problem is called the

difference quotient dividend

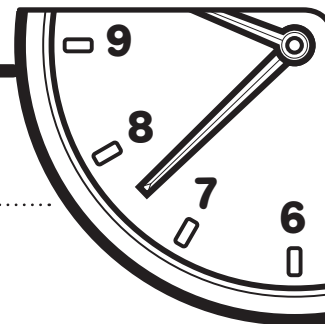
My score:

10

My time:

..... minutes seconds

Minute 54



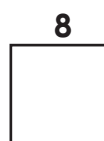
Name: Date:

1. $\frac{2}{3} = \overline{15}$

2. $\begin{array}{r} \$8.21 \\ \times 4 \\ \hline \end{array}$

3. $\begin{array}{r} 10.12 \\ + 0.03 \\ \hline \end{array}$

4. What is the perimeter of the square?units

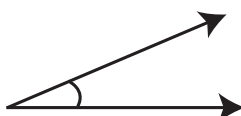


5. $1520 \div 5 = \dots\dots\dots$

6. 7 minutes $\times 9 = \dots\dots\dots$ hour(s)minute(s)

7. $\begin{array}{r} 8.1 \\ \times 0.2 \\ \hline \end{array}$

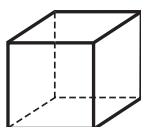
8. Circle the name of the angle. acute right obtuse



9. A cube hasfaces.

10. The point where three or more edges meet on a solid figure is called a vertex.

Circle: True or False



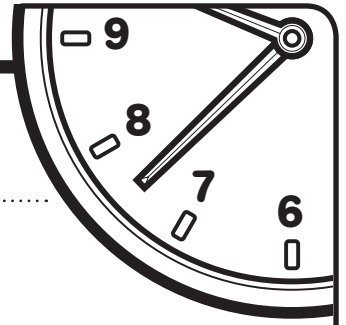
My score:

10

My time:

..... minutes seconds

Minute 55



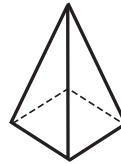
Name: Date:

1. Round 17.12 to the bold place.

2. $20.09 \times 10 =$

3. Write $\frac{14}{100}$ as a percentage.%

4. A square pyramid has vertices.



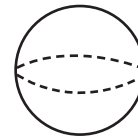
5. $8 \overline{)872}$

6. Is the shape symmetrical?



7.
$$\begin{array}{r} 4110 \\ \times 8 \\ \hline \end{array}$$

8. Name this solid shape.

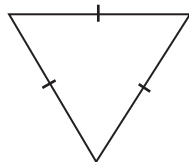


9. Circle the name of the triangle.

equilateral

isosceles

scalene



10. Circle the name of an endless flat surface.

ray

plane

line

point

My score:

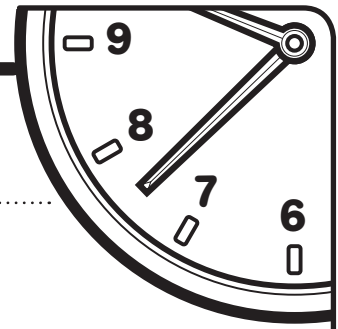
10

My time:

..... minutes

..... seconds

Minute 56



Name: Date:

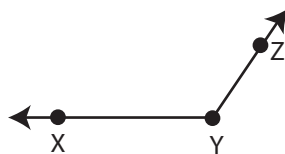
1. Write $\frac{46}{100}$ as a percentage. %
2. 80 cm = 0. m
3. $2.1 \times 10 = \dots\dots\dots$
4. The two names of the line segment are $\overline{CD}$ and



For Questions 5 to 7, write the correct word to complete each sentence.

point line ray plane line segment

5. A is an endless flat surface.
6. A is part of a line with one endpoint.
7. An exact location is called a
8. 45 minutes $\times 2 = \dots\dots\dots$ hour(s) minutes
9. Two names of the angle are $\angle XYZ$ and $\angle \dots\dots\dots$



10. 204
 x 5

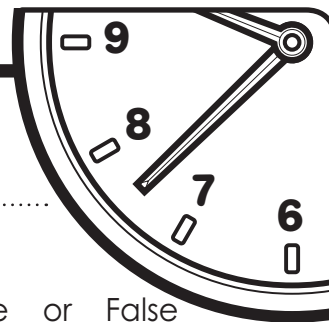
My score:

10

My time:

..... minutes seconds

Minute 57



Name: Date:

1. You measure temperature with a thermometer. Circle: True or False

2. A right angle measures°.

3.
$$\begin{array}{r} 0.713 \\ - 0.008 \\ \hline \end{array}$$

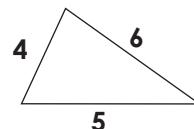
.....

4. rate = 80 kilometres/hour

If a truck travels for $3\frac{1}{2}$ hours, how many kilometres will it travel?

..... kilometres

5. Write the perimeter of the triangle. units



6. $9 \overline{)10.08}$

7.
$$\begin{array}{r} 6018 \\ \times 6 \\ \hline \end{array}$$

.....

8. Circle the best estimate for the measurement of the angle. 19° 90° 125°



9. Factors are numbers that are multiplied to get a product.

Circle: True or False

10. The distance around a polygon is called the

My score:

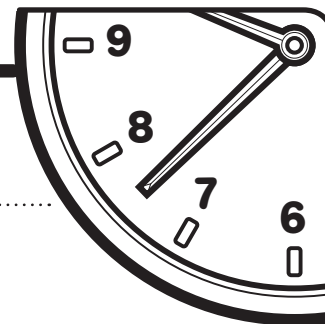
10

My time:

minutes

seconds

Minute 58



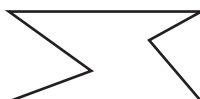
Name: Date:

1. $9 \overline{)45.72}$

2. $(2 \times 50c) + (4 \times 20c) + (5 \times 5c) = \$\dots\dots\dots$

3. $6 \overline{)1602}$

4. Is the shape symmetrical? Circle: Yes or No

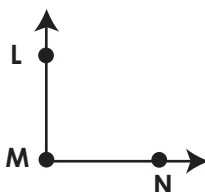


5.
$$\begin{array}{r} 17.11 \\ \times \quad 2 \\ \hline \end{array}$$

.....

6. $20 \text{ minutes} \times 5 = \dots\dots\dots \text{ hour(s)} \dots\dots\dots \text{ minute(s)}$

7. The two names of the angle are $\angle LMN$ and $\angle \dots\dots\dots$



8. The number of square units needed to cover a region is called its area.

Circle: True or False

9.
$$\begin{array}{r} 39 \\ \times 4 \\ \hline \end{array}$$

.....

10.
$$\begin{array}{r} \$8.26 \\ - \$7.31 \\ \hline \end{array}$$

.....

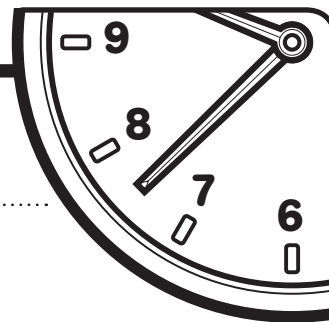
My score:

10

My time:

..... minutes seconds

Minute 59



Name: Date:

1. $\$9.20$

$\times 6$

.....

2. $15.13 - 11.11 = \dots\dots\dots$

3. $\frac{3}{7} = \frac{9}{\boxed{}}$

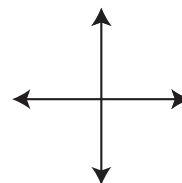
4. $5 \overline{)700}$

5. 27

$\times 3$

.....

6. Circle the correct answer. The lines are: parallel perpendicular.



Use $<$, $>$ or $=$ to complete Questions 7 to 8.

7. $\frac{1}{2} \boxed{} \frac{1}{5}$

8. $\frac{3}{4} \boxed{} \frac{9}{12}$

9. Write the measurement as shown by the arrow. cm



10. A fraction names part of a whole. Circle: True or False

My score:

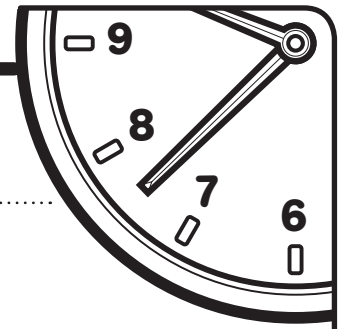
10

My time:

.....
minutes

.....
seconds

Minute 60



Name: Date:

1. Write $\frac{75}{100}$ as a percentage.%

2. Write 0.5 as a fraction.

3.
$$\begin{array}{r} 937 \\ \times 3 \\ \hline \end{array}$$

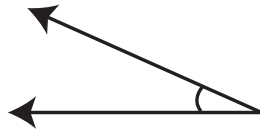
.....

4. $\frac{3}{8} = \frac{\square}{40}$

5. 3 hours 16 minutes + 1 hour 30 minutes = hour(s) minute(s)

6. Write three-tenths as a decimal.

7. Circle the name of the angle. acute right obtuse

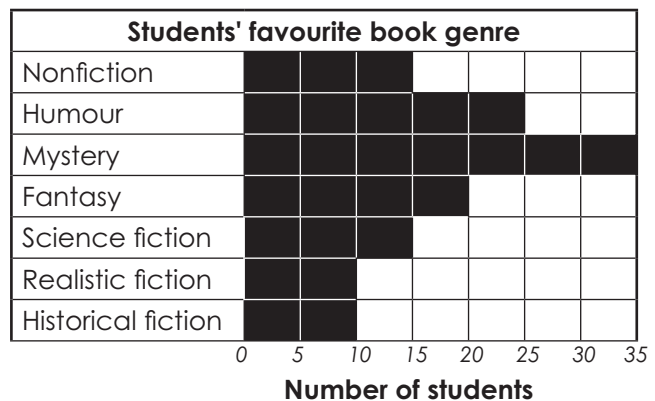


Use the bar graph to complete Questions 8 to 10.

8. What is the students' favourite book genre?

9. How many students prefer fantasies? students

10. How many more students like humour than like realistic fiction? more students



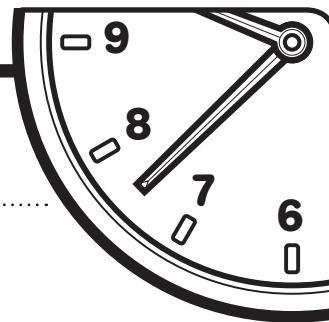
My score:

10

My time:

..... minutes seconds

Minute 61



Name: Date:

1. $7 \overline{)12.6}$

2.
$$\begin{array}{r} \$5.67 \\ - \$5.40 \\ \hline \end{array}$$

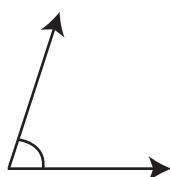
.....

3. Circle the best estimate for the measurement of the angle.

70°

90°

150°



4. Write the next number in the pattern. 0.2, 0.4, 0.8, 0.16, 0.32,

5. $n \div 9 = 3$;
therefore, $n =$

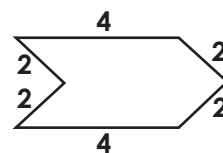
6. 30 minutes $\times 6 =$ hour(s) minute(s)

7. $2\frac{5}{6} - 1\frac{1}{6} = 1\frac{\boxed{}}{\boxed{}} = 1\frac{\boxed{}}{\boxed{}}$

8.
$$\begin{array}{r} 17.190 \\ + 3.414 \\ \hline \end{array}$$

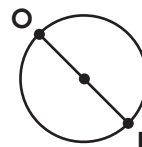
.....

9. What is the perimeter of the shape? units



10. Is $\overline{OP}$ the radius, the centre or the diameter of the circle?

.....



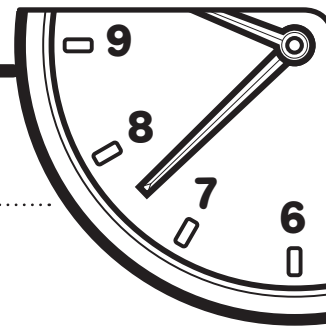
My score:

10

My time:

..... minutes seconds

Minute 62



Name: Date:

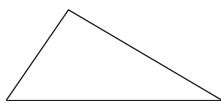
1. Write what comes next in the pattern. 1.2, 2.4, 4.8

2. $\begin{array}{r} \$1.38 \\ \times 8 \\ \hline \end{array}$

.....

3. 7.25 L = mL (1 L = 1000 mL)

4. Is the shape symmetrical?



5. $\begin{array}{r} 6.7 \\ \times 0.3 \\ \hline \end{array}$

.....

6. $7 \overline{)721}$

7. Round 3.47 to the nearest one.

8. $1\frac{5}{6} + 1 = \frac{\boxed{}}{\boxed{}}$

9. Circle the name of the triangle.

equilateral

isosceles

scalene



10. rate = 60 kilometres/hour

If a train travels for $4\frac{1}{2}$ hours, how many kilometres will it travel? kilometres

My score:

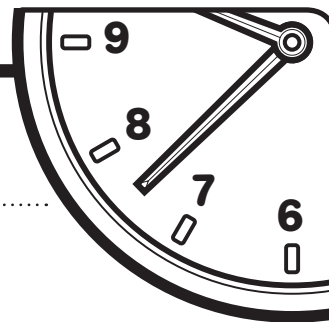
10

My time:

..... minutes

..... seconds

Minute 63



Name: Date:

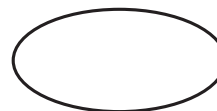
1. $\$5.01$
 $\times 7$
.....

2. 5.203
 $- 4.145$
.....

3. Round 2.053 to the nearest hundredth.

4. $1.76 \times 100 = \dots\dots\dots$

5. Circle the name of this shape. ellipse circle

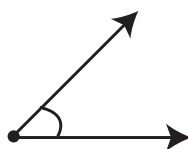


6. $420 \div 6$

Circle the answer. 50 60 70

7. Circle the best estimate for the measurement of the angle.

45° 90° 170°



8. $2 \overline{)1496}$

9. $\frac{3}{4} - \frac{1}{4} = \dots\dots\dots$

10. Write $\frac{3}{100}$ as a percentage.%

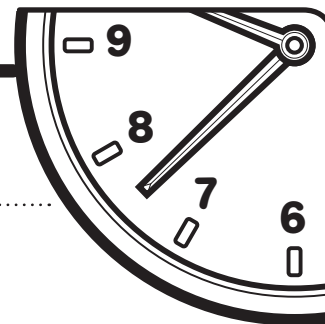
My score:

10

My time:

.....
minutes seconds

Minute 64



Name: Date:

1. $33 \div 4 = \dots\dots\dots r \dots\dots\dots$

2. Use $<$, $>$ or $=$.

$0.5 \dots\dots\dots 0.2$

3. $2.62 + 1.4 = \dots\dots\dots$

4. $8 \overline{)2400}$

5. Circle the digit in the hundredths place. 14.027

6. Write the decimal for 2 hundredths.

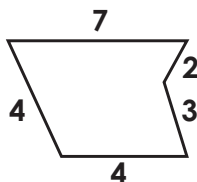
7. Circle the name of the triangle. acute right-angle obtuse



8. $\frac{1}{7} + \frac{4}{7} = \dots\dots\dots$

9.
$$\begin{array}{r} 2.5 \\ \times 2 \\ \hline \end{array}$$

10. What is the perimeter of the shape? units



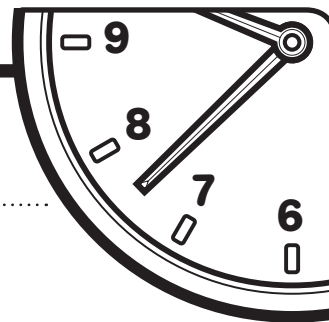
My score:

10

My time:

..... minutes seconds

Minute 65



Name: Date:

1. Write $\frac{64}{100}$ as a percentage.%

2. $4200 \div 70 = \dots\dots\dots$

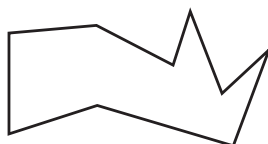
3. \$2.43

x 5

.....
.....

4. 6.5 kg = g (1 kg = 1000 g)

5. Is the shape symmetrical?



6. $8.75 \times 1000 = \dots\dots\dots$

7. $3 \overline{)156}$

8. Circle the name of the triangle.

acute

right-angle

obtuse



9. Before adding them, change the fractions so they have the same denominator.

$$\frac{1}{4} + \frac{3}{8}$$

$$\frac{1}{4} \left(\frac{\boxed{}}{8} \right) + \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$$

10. 40 minutes $\times 2 = \dots\dots\dots$ hour(s) $\dots\dots\dots$ minute(s)

My score:

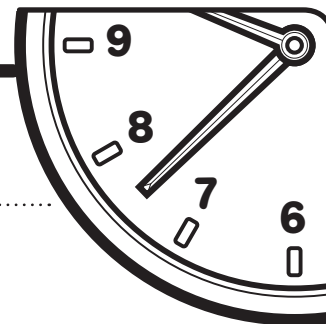
10

My time:

.....
minutes

.....
seconds

Minute 66



Name: Date:

1. $\begin{array}{r} \$7.36 \\ \times \quad 3 \\ \hline \end{array}$

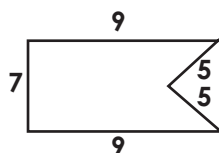
.....

2. $\frac{1}{2} = \frac{\boxed{}}{12}$

3. $\begin{array}{r} 0.19 \\ \times \quad 6 \\ \hline \end{array}$

.....

4. What is the perimeter of the shape? units



5. $\frac{5}{7} - \frac{3}{7} = \dots\dots\dots$

6. What is $\frac{3}{4}$ as a percentage? Circle the answer. 25% 50% 75%

7. $(4 \times 20c) + (7 \times 50c) + (3 \times 10c) = \dots\dots\dots$

8. $18 \times 0 = \dots\dots\dots$

9. A right angle is degrees.

10. Double 99.

My score:

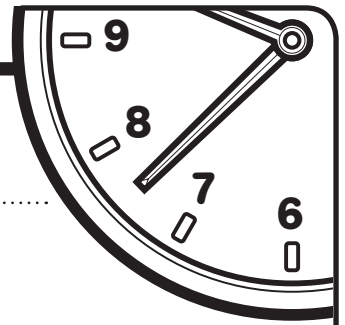
10

My time:

.....
minutes

.....
seconds

Minute 67



Name: Date:

1. $\begin{array}{r} \$6.34 \\ \times 3 \\ \hline \end{array}$
.....

2. $7 \overline{)98}$

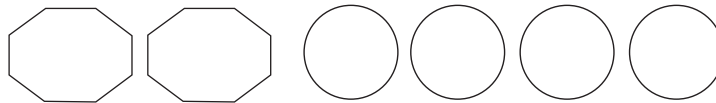
3. Write $\frac{47}{100}$ as a percentage.%

4. $\frac{1}{5} + \frac{2}{5} = \dots\dots\dots$

5. Is a diameter a line segment that passes through the centre of a circle?

6. A ratio is the comparison of two quantities. Circle: True or False

7. Underline the ratio of octagons to circles. 2:3 4:2 2:4



Use the line graph to complete Questions 8 to 10.

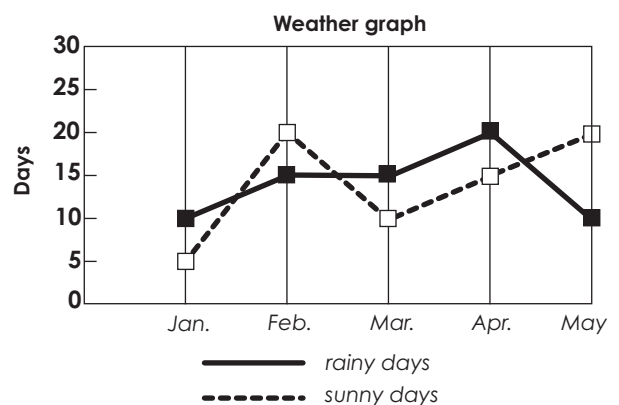
8. Did February have more sunny or rainy days? days

9. Which month had 20 days of rain?
.....

10. Which months had more
sunny days than rainy days?

.....

and



My score:

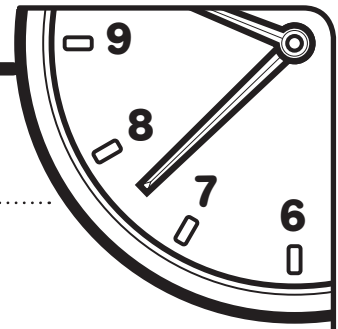
10

My time:

.....
minutes

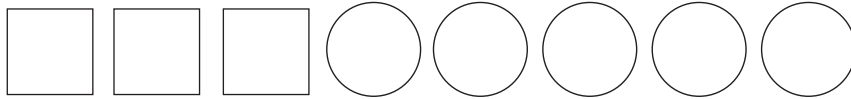
.....
seconds

Minute 68

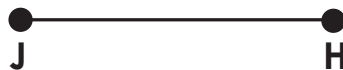


Name: Date:

1. What is the ratio of squares to circles? :



2. The two names for the line segment are $\overline{JH}$ and



3. Volume = length x width x height ($V = l \times w \times h$) Circle: True or False

4. $3 \overline{)19.5}$

3.
$$\begin{array}{r} 1.3 \\ \times 4 \\ \hline \end{array}$$

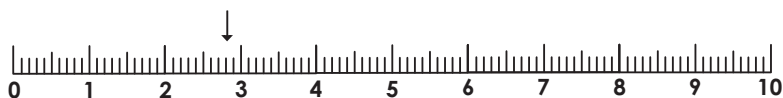
.....

6. $3\% = \frac{3}{100} = 0.03$ Circle: True or False

7. $4\frac{3}{5} + 1\frac{1}{5} = \dots\dots\dots$

8. $5000 \text{ kg} = \dots\dots\dots \text{ t}$

9. Write the measurement as shown by the arrow. millimetres



10. $4 \overline{)27.24}$

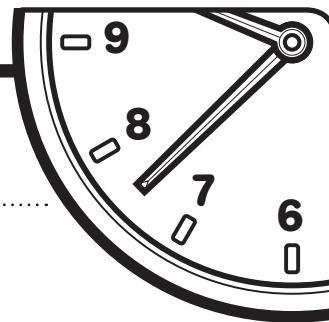
My score:

10

My time:

..... minutes seconds

Minute 69



Name: Date:

1. $808 \div 8 = \dots\dots\dots$

2. $55\% = \frac{55}{100} = 0.55$

Circle: True or False

3. Before adding them, change the fractions so they have the same denominator.

$\frac{3}{5} + \frac{3}{10}$ $\frac{3}{5} \left(\frac{\boxed{}}{10} \right) + \frac{3}{10} = \frac{\boxed{}}{10}$

4. Circle the digit in the hundredths place. 18.07

5.
$$\begin{array}{r} 17.190 \\ - 15.018 \\ \hline \end{array}$$

.....

6. A multiple of 4 and 6 is 12.

Circle: True or False

3.
$$\begin{array}{r} 417 \\ \times 5 \\ \hline \end{array}$$

.....

8. What is the ratio of squares to triangles? :



9. 0, 4, 8, 12 and 14 are all multiples of 4. Circle: True or False

10. $\frac{2}{3}$ of 3 =



My score:

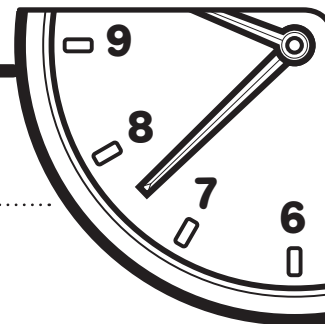
10

My time:

..... minutes

..... seconds

Minute 70



Name: Date:

1. Write $\frac{1}{2}$ as a percentage.%

2. $\begin{array}{r} \$6.52 \\ - \$4.76 \\ \hline \end{array}$

.....

3. Circle the fraction equivalent to $\frac{1}{2}$. $\frac{2}{3}$ $\frac{3}{6}$ $\frac{4}{6}$

4. $\frac{1}{4}$ of 8 =



5. $7\frac{1}{3} - 4 = \dots\dots\dots$

6. $\begin{array}{r} 5.18 \\ \times 7 \\ \hline \end{array}$

.....

7. $\begin{array}{r} 10.080 \\ + 0.516 \\ \hline \end{array}$

.....

8. Draw what comes next in the pattern.



.....

9. 3 years = months

10. Circle the lowest common multiple of 3 and 6.

6 9 2 18

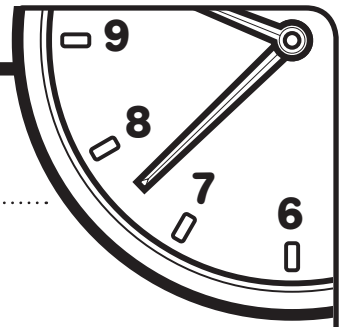
My score:

10

My time:

..... minutes seconds

Minute 71

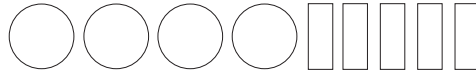


Name: Date:

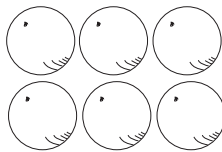
1. Circle the digit in the thousandths place. 18.6301

2. $3 + 3\frac{3}{8} = \dots\dots\dots$

3. Write the ratio of circles to rectangles. :



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



5. $15.1 \times 100 = \dots\dots\dots$

6.
$$\begin{array}{r} 14.150 \\ - 10.018 \\ \hline \end{array}$$

.....

7. Write $2\frac{3}{4}$ as an improper fraction. $\frac{\boxed{}}{\boxed{4}}$

8. The highest common factor of 20 and 25 is 5. Circle: True or False

9. $\frac{1}{4}$ of 20 is

10. Write $\frac{7}{2}$ as a mixed number. $\frac{\boxed{}}{\boxed{2}}$

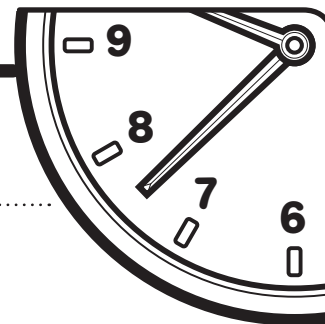
My score:

10

My time:

..... minutes seconds

Minute 72



Name: Date:

1. Use $<$, $>$, or $=$.

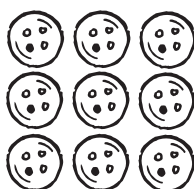
0.5 0.50

2. $\frac{3}{4} + \frac{2}{4} = \dots\dots\dots$

3.
$$\begin{array}{r} 11.60 \\ - 0.85 \\ \hline \end{array}$$

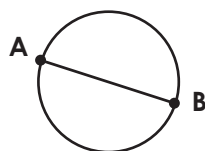
.....

4. $\frac{1}{3}$ of 9 =



5. What is the lowest common multiple of 3 and 4?

6. The names of the diameter are $\overline{AB}$ and



7. $20\% = \frac{\boxed{}}{100}$

8. $5 \overline{)2145}$

9. Negative numbers are less than 0. Circle: True or False

10. Write $\frac{7}{14}$ in its lowest terms.

multiples	
3	4
3	4
6	8
9	12
12	16
15	20

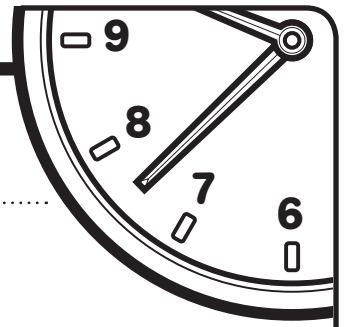
My score:

10

My time:

.....
minutes seconds

Minute 73



Name: Date:

1.
$$\begin{array}{r} 14.018 \\ + 0.009 \\ \hline \end{array}$$

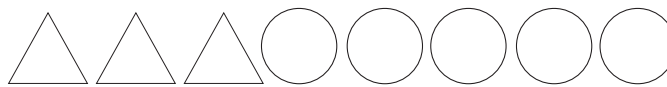
.....

2. Zero is neither a positive number nor a negative number.

Circle: True or False

3. $3\frac{3}{8} - 1\frac{1}{8} = \frac{\boxed{}}{8}$

4. Write the ratio of triangles to circles. :



5. Write 0.09 as a percentage.%

6. $3 \overline{)6.42} = \dots\dots\dots$

7. Write the decimal for 7%.

8. Write $\frac{3}{21}$ in its lowest terms.

9. Circle the name of the solid shape.

square prism triangular pyramid triangular prism



10. (1 m = 100 cm) 3.2 m = cm

My score:

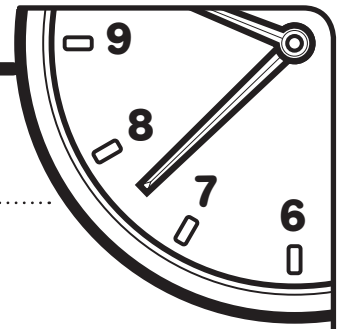
10

My time:

..... minutes

..... seconds

Minute 74

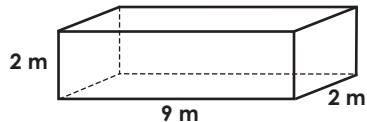


Name: Date:

1. $10 \times 0.06 = \dots\dots\dots$

2. Write $3\frac{5}{6}$ as an improper fraction. $\frac{\boxed{}}{\boxed{6}}$

Use the solid shape to complete Questions 3 and 4.



3. The solid has faces.

4. What is the volume of the solid? metres cubed $(v = l \times w \times h)$

5. $\frac{1}{3} \left(\frac{\boxed{}}{\boxed{6}} \right) + \frac{5}{6} = \frac{\boxed{}}{\boxed{6}}$

6. $\frac{60}{100} = 0.60$ = sixty hundredths Circle: True or False

7. What is the highest common factor of 18 and 24?
Circle the answer.

3 6 12

8. $\frac{2}{3}$ of 9 =



9.
$$\begin{array}{r} 18.008 \\ + 5.716 \\ \hline \end{array}$$

.....

10. What is the lowest common multiple of 4 and 6?

multiples	
4	6
4	6
8	12
12	18
16	24

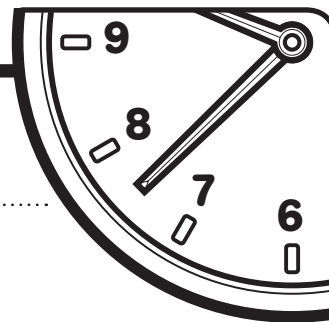
My score:

10

My time:

..... minutes seconds

Minute 75



Name: Date:

1. Use $<$, $>$ or $=$. $\frac{1}{2}$ $\frac{5}{10}$

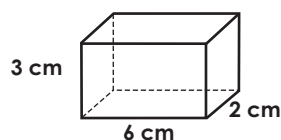
2.
$$\begin{array}{r} 1901 \\ \times 9 \\ \hline \end{array}$$

.....

3. What is the lowest common multiple of 5 and 15?

Use the solid shape to complete Questions 4 and 5.

4. How many edges does the solid have? edges



5. What is the volume of the solid? centimetres cubed (cm^3) ($v = l \times w \times h$)

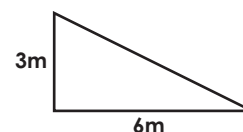
6.
$$\begin{array}{r} 13.110 \\ + 6.418 \\ \hline \end{array}$$

.....

7. $\frac{3}{5} - \frac{1}{5} =$

8. $92 - x = 83$;
therefore, $x =$

9. What is the area of the triangle? square metres (m^2)



$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$$

10. Write the ratio of the number of school days in a week to the number of days in a weekend. :

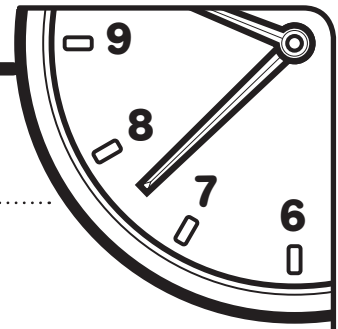
My score:

10

My time:

..... minutes seconds

Minute 76



Name: Date:

1.
$$\begin{array}{r} 9.4 \\ \times 3 \\ \hline \end{array}$$

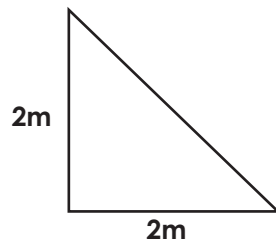
.....

2. $39 \div 12 = \dots\dots\dots r \dots\dots\dots$

3. Write a ratio of the number of months with the letter 'y' in the name to the number of months without the letter 'y' in the name.

of days in a weekend. :

4. What is the area of the triangle? square metres (m^2)



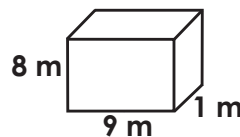
$$Area = \frac{1}{2} \times \text{base} \times \text{height}$$

5. $5\frac{1}{2} + 1\frac{1}{2} = \dots\dots\dots$

6. The lowest common multiple of 5 and 7 is

7. Circle the fraction equivalent to $\frac{3}{5}$. $\frac{6}{12}$ $\frac{9}{18}$ $\frac{12}{20}$

8. What is the volume of the solid? cubic metres (m^3)



9. Write 5% as a decimal.

10. Circle the digit in the tenths place. 9.014

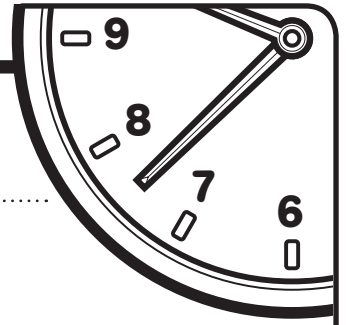
My score:

10

My time:

..... minutes seconds

Minute 77



Name: Date:

1. Write the numbers in order from highest to lowest.

0.06 0.16 0.6 1.16
.....

2. $\frac{7}{9} - \frac{5}{9} =$

3. $17.12 + 3.70 =$

4. Are the angles congruent?



5. Write $\frac{9}{27}$ in its lowest terms.

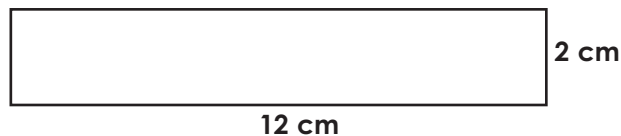
6. $9 \overline{)0.0144}$

7. $\frac{1}{5}$ of 10 =

8. What is the highest common factor of 2 and 10?

9. Write the ratio **3 to 5** as a fraction.

10. What is the area of the rectangle? square centimetres (cm²)



My score:

10

My time:

..... minutes

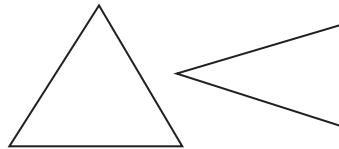
..... seconds

Minute 78

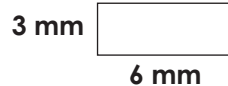


Name: Date:

1. π is equal to about 3.14. Circle: True or False
2. Is -5 a negative number?
3. Round 0.0019 to the bold place.
4. Are the triangles congruent?



5. What is the lowest common multiple of 9 and 15?
6. $\frac{1}{2} + \frac{3}{4} = \frac{5}{4} = \frac{\boxed{}}{\boxed{}}$
7. Write $5\frac{1}{8}$ as an improper fraction. $\frac{\boxed{}}{8}$
8. What is the area of the rectangle? mm^2



9. The simplest form of $\frac{12}{18}$ is
10. $\frac{2}{3}$ of 15 = 10 Circle: True or False

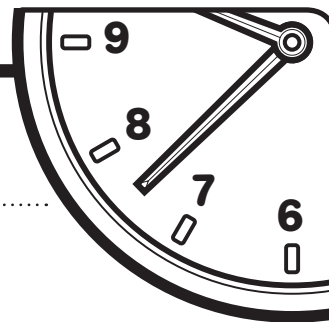
My score:

10

My time:

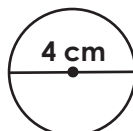
..... minutes seconds

Minute 79



Name: Date:

1. Circle the digit in the thousandths place. 0.4815
2. Circle the fraction equivalent to $\frac{7}{9}$. $\frac{14}{20}$ $\frac{21}{27}$ $\frac{28}{45}$
3. Underline the circumference of the circle. 1.256 12.56 125.6

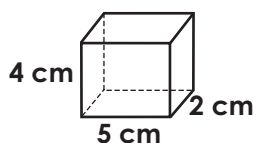


$$\begin{aligned} \text{Circumference} &\approx 3.14 (\pi) \times \text{diameter } (d) \\ &\approx 3.14 \times 4 \end{aligned}$$

4. The simplest form of $\frac{9}{18}$ is
5.
$$\begin{array}{r} 852 \\ \times 7 \\ \hline \end{array}$$

.....
6. What is the lowest common factor of 9 and 14?
7. $\frac{4}{16} + \frac{5}{16} =$
8. $0.12 \div 10 =$

Use the solid shape to complete Questions 9 and 10.



9. What is the volume of the solid? cm^3 ($v = l \times w \times h$)
10. The solid has faces.

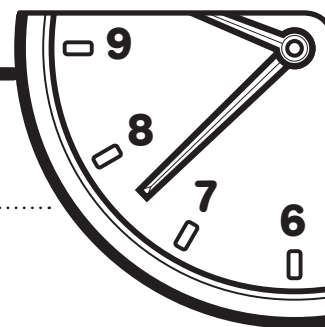
My score:

10

My time:

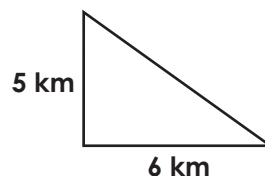
..... minutes seconds

Minute 80



Name: Date:

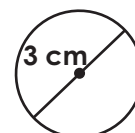
- Write the fraction for 30%.
- What is the area of the triangle? km²



$$A = \frac{1}{2} \times b \times h \quad \text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$$

- Write 0.65 as a percentage.%
- $12\frac{3}{4} - 5\frac{1}{4} = \boxed{}\frac{}{4}$
- Circle the digit in the hundredths place. 0.8912

- Underline the circumference of the circle. 9.42 94.2 942



$$\begin{aligned} \text{circumference} &\approx 3.14 (\pi) \times \text{diameter (d)} \\ &\approx 3.14 \times 3 \end{aligned}$$

- $\frac{1}{4}$ of 16 =

$$\begin{array}{r} 1901 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

- 2000 g = kg

- Use <, > or =. $\frac{5}{8} \boxed{} \frac{1}{4}$

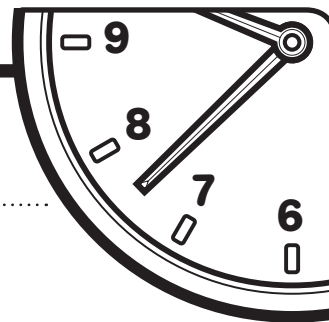
My score:

10

My time:

..... minutes seconds

Minute 81

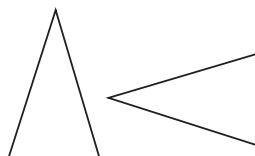


Name: Date:

1. $\frac{5}{9} + \frac{3}{9} = \dots\dots\dots$

2. Other than 1, what is the lowest common factor of 15 and 33?

3. Are the triangles congruent?



4. $\frac{1}{2}$ of 18 =

5. A mixed number is made up of a whole number and a fraction.

Circle: True or False

6. Write 0.27 as a percentage.%

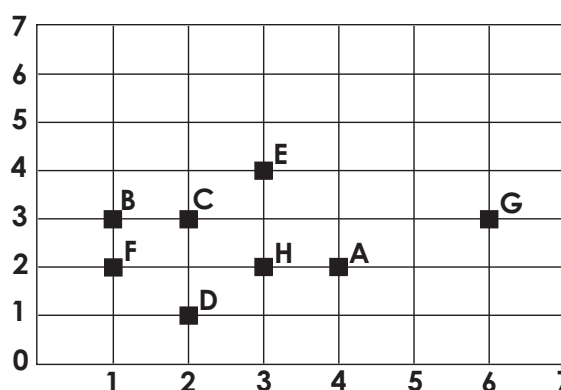
7. Write $\frac{18}{24}$ in its lowest terms.

Use the grid to complete Questions 8 to 10.

8. Name the point found at (3, 2).

9. What are the coordinates for point A? (.....)

10. Name the point found at (3, 4).



My score:

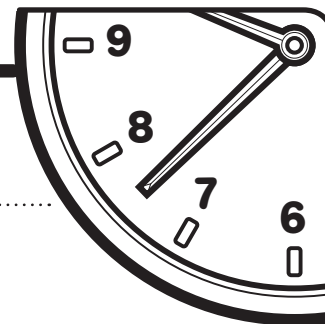
10

My time:

minutes

seconds

Minute 82



Name: Date:

1. Write the numbers in order from lowest to highest.

17.19 19.17 19.71 17.91

.....

2. $4\frac{2}{9} + 2\frac{2}{9} = \dots\dots\dots$

3. $80 \times 70 = \dots\dots\dots$

4. A pair of numbers used to locate a point on a grid is called an ordered pair.

Circle: True or False

5. What is 10% of 50?

6. $18 \times \frac{1}{2} = \dots\dots\dots$

7. 1000 m = km

8. Are the shapes congruent?



9.
$$\begin{array}{r} 8.5 \\ \times 9 \\ \hline \end{array}$$

10. Circle the fraction equivalent to $\frac{7}{8}$. $\frac{14}{16}$ $\frac{20}{24}$ $\frac{21}{32}$

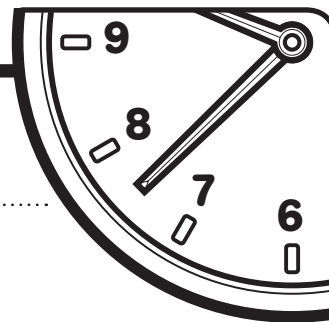
My score:

10

My time:

..... minutes seconds

Minute 83



Name: Date:

1. Use $<$, $>$ or $=$. $112 + 8$ $110 + 9$

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

3.
$$\begin{array}{r} 411 \\ \times 9 \\ \hline \end{array}$$

4. **Six metres below sea level** is a negative number. Circle: True or False

5. 5 weeks = days

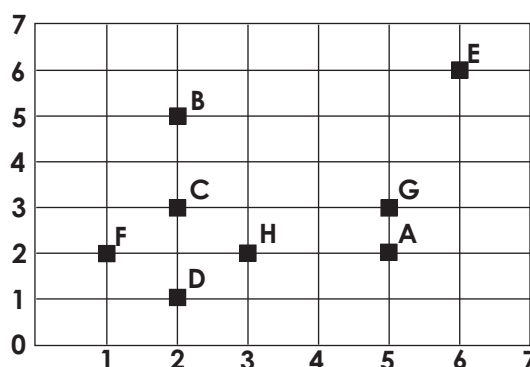
6. Use $<$, $>$ or $=$. 4.440 4.444

Use the grid to complete Questions 7 to 9.

7. Name the point found at $(2, 3)$

8. What are the coordinates for point E? (.....)

9. Name the point found at $(5, 3)$



10. Use $<$, $>$ or $=$. $\frac{2}{7}$ $\frac{3}{4}$

My score:

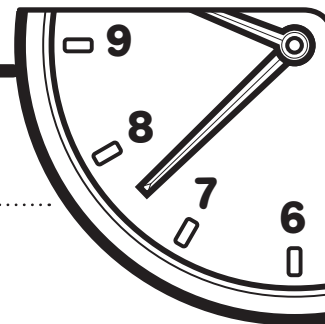
10

My time:

minutes

seconds

Minute 84



Name: Date:

1. $70 \times 70 = \dots\dots\dots$

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

3. Are the shapes congruent?



4. $(2 \times \$1) + (5 \times 5c) = \$\dots\dots\dots$

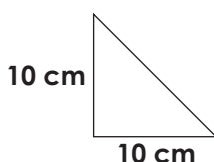
5. Write the decimal for fifty-two hundredths.

6. $2000 \text{ mL} = \dots\dots\dots \text{ L}$ (1000 mL = 1 L)

7. Write $\frac{7}{100}$ as a percentage.%

8. What is the area of the triangle? cm^2

(area = $\frac{1}{2} \times \text{base} \times \text{height}$)



9.
$$\begin{array}{r} 1.9 \\ \times 7 \\ \hline \end{array}$$

10. Write $7\frac{3}{4}$ as an improper fraction.

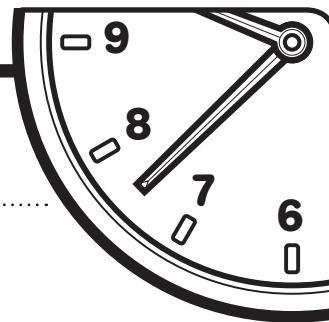
My score:

10

My time:

..... minutes seconds

Minute 85

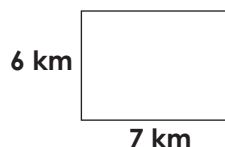


Name: Date:

1. $8\frac{1}{2} - 6 = \dots\dots\dots$

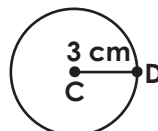
2. Round **7.11** to the bold place.

3. What is the area of the rectangle? km^2



$A = l \times w$

4. How long is the diameter of the circle? cm

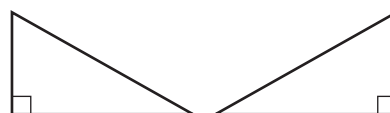


5. Use $<$, $>$ or $=$. $\frac{3}{5}$ $\frac{5}{6}$

6. $7^2 = 7 \times 7 = \dots\dots\dots$

7. 12 km = m (1 km = 1000 m)

8. Are the triangles congruent?



9. $4 \overline{)12.84}$

10. Write the ratio **7 to 8** as a fraction.

My score:

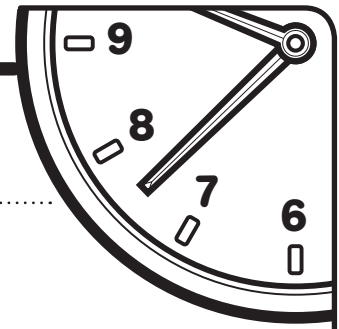
10

My time:

minutes

seconds

Minute 86



Name: Date:

1. $10\frac{5}{8} + 6 = \dots\dots\dots$

2. $\frac{1}{7}$ of 49 =

3. 11 mm = cm (1 mm = 10 cm)

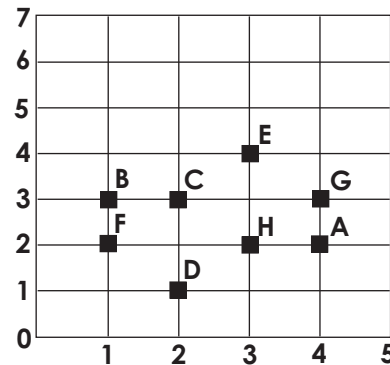
Use the grid to complete Questions 4 to 6.

4. Name the point found at (4, 3).

5. What are the coordinates for point F?

(.....)

6. Name the point found at (2, 3).

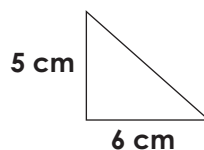


7. Circle the fraction equivalent to $\frac{1}{4}$. $\frac{2}{4}$ $\frac{3}{14}$ $\frac{4}{16}$

8. What is 68% of 100?

9. What is the lowest common multiple of 2 and 6?

10. What is the area of the triangle? cm² ($A = \frac{1}{2} \times b \times h$)



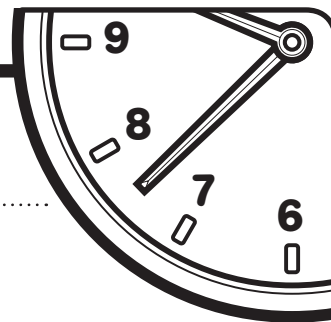
My score:

10

My time:

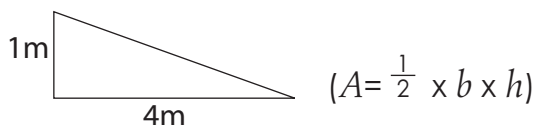
..... minutes seconds

Minute 87

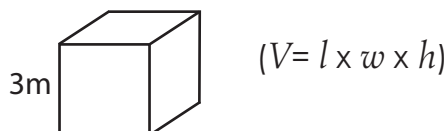


Name: Date:

1. $40 \times 80 = \dots\dots\dots$
2. Write $\frac{16}{7}$ as a mixed number.
3. What is the area of the triangle? m^2



4. $\frac{1}{6}$ of 36 =
5. $16.4 \div 100 = \dots\dots\dots$
6. Write $\frac{1}{5}$ as a percentage.%
7. What is the volume of the cube? m^3



8. Circle the digit in the tenths place: 0.18
9. $\frac{1}{2} + \frac{1}{6}$ $\frac{1}{2} (\frac{\square}{6}) + \frac{1}{6} = \frac{\square}{6}$
10. Other than 1, what is the highest common factor of 16 and 20?

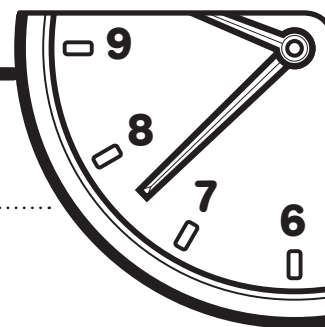
My score:

10

My time:

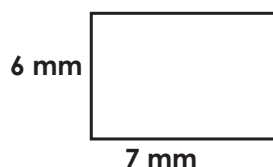
..... minutes seconds

Minute 88



Name: Date:

1. Use $<$, $>$ or $=$. 657 921 657 921
2. What is the area of the rectangle? mm^2



$$a = l \times w$$

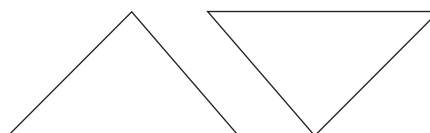
$$3. \frac{5}{8} - \frac{1}{4} = \frac{5}{8} - \frac{1}{4} \left(\frac{\square}{8} \right) = \frac{\square}{8}$$

4. Write 26% as a decimal.

$$\begin{array}{r} 5. \quad 6 \\ \quad 5 \\ \quad 9 \\ \quad 4 \\ + 1 \\ \hline \end{array}$$

6. Write $\frac{24}{64}$ in its lowest terms.

7. Are the triangles congruent?



8. $\frac{1}{5}$ of 25 =

9. **Forty degrees above zero** is an example of a positive number.

Circle: True or False

10. 1100 m = km

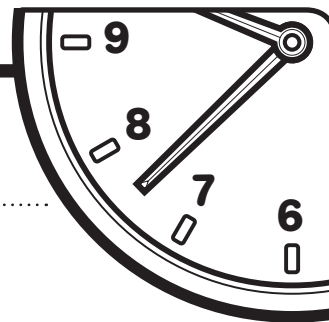
My score:

10

My time:

..... minutes seconds

Minute 89



Name: Date:

1.
$$\begin{array}{r} 11\ 075 \\ - \quad 859 \\ \hline \end{array}$$

2. Write $\frac{25}{40}$ in lowest terms.

3. $\frac{1}{7}$ of 14 =

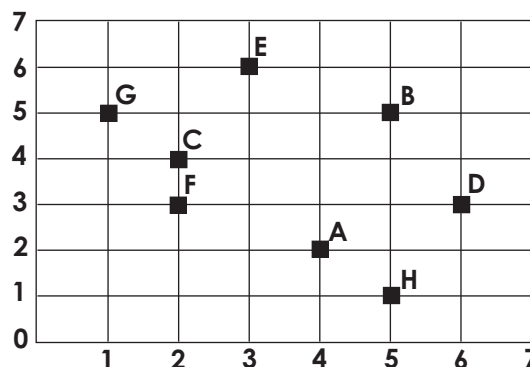
4. $8 \overline{)0.08}$

Use the grid to complete Questions 5 to 7.

5. Name the point at the coordinates (5, 1).

6. What are the coordinates for point C? (.....)

7. Name the point
at the coordinates (6, 3).



8. $\frac{2}{3} + \frac{5}{3} = \dots\dots\dots$

9. What is the lowest common multiple of 10 and 15?

10. Are the triangles congruent?



My score:

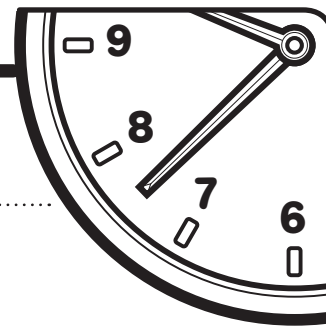
10

My time:

minutes

seconds

Minute 90



Name: Date:

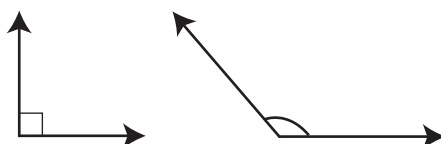
1. $3 \div \frac{1}{2} = 3 \times \frac{2}{1}$ Circle: True or False

2. $0.8 \times 10 = \dots\dots\dots$

3. $\frac{2}{3} + \frac{2}{9} = \frac{2}{3} (\frac{\square}{9}) + \frac{2}{9} = \frac{\square}{9}$

4. Circle the digit in the thousandths place. 19.3742

5. Are the angles congruent?



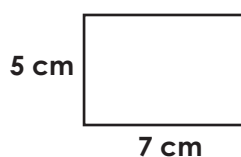
6. Circle the largest number.

5 491 687 1 756 498 2 804 962

7. Write $\frac{10}{15}$ in lowest terms.

8. Write $\frac{9}{5}$ as a mixed number.

9. What is the area of the rectangle? cm^2 ($a = l \times w$)



10. 3000 m = km

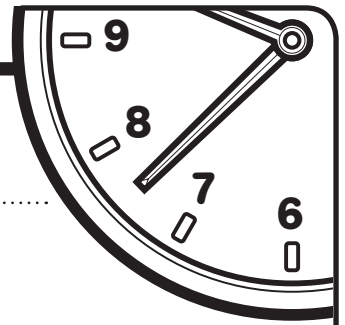
My score:

10

My time:

..... minutes seconds

Minute 91

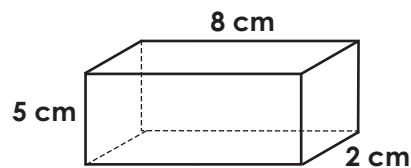


Name: Date:

1. $8\frac{1}{4} + 3 = \dots\dots\dots$

2. $5 \overline{)20.90}$

Use the solid shape to complete Questions 3 and 4.



3. What is the volume of the solid? cm^3 ($v = l \times w \times h$)

4. The solid has edges.

5. Other than 1, what is the lowest common factor of 7 and 21?

6. Use $<$, $>$ or $=$. $2\frac{2}{3}$ $3\frac{1}{4}$

7. 13 mm = cm

8. Write the ratio **11 to 20** as a fraction.

9. $\frac{1}{10}$ of 80 =

10. Complete the fact family.

$9 + 6 = 15$ $15 - 9 = 6$

.....

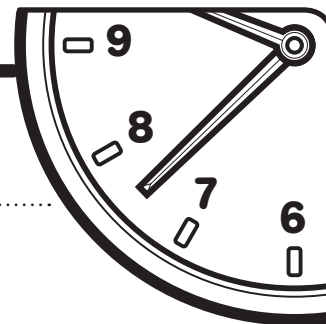
My score:

10

My time:

..... minutes seconds

Minute 92



Name: Date:

- Write 0.51 as a percentage.%
- $10\frac{5}{7} - 8\frac{2}{7} = \dots\dots\dots$
- Complete the fact family.
 $7 + 8 = 15$ $15 - 8 = 7$

- 0.07 kg =g (1 kg = 1000 g)
- Are the triangles similar or congruent?



- What is the lowest common multiple of 8 and 16?
- $$\begin{array}{r} 13.016 \\ \times \quad 2 \\ \hline \end{array}$$

- Write the number: two million, seven hundred thousand,
 five hundred and sixty-three =
- Write $\frac{11}{5}$ as a mixed number.
- Circle the fraction equivalent to $\frac{2}{3}$. $\frac{4}{6}$ $\frac{6}{7}$ $\frac{5}{7}$

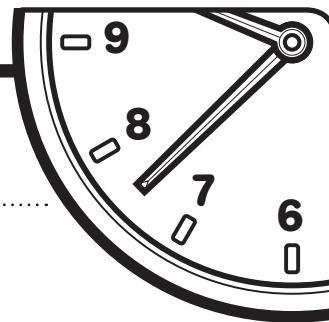
My score:

10

My time:

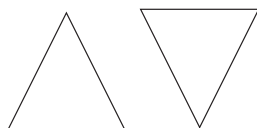
..... minutes seconds

Minute 93



Name: Date:

1. $19.0 \div 1000 = \dots\dots\dots$
2. Other than 1, what is the lowest common factor of 12 and 20?
3. Are the triangles congruent or similar?



4.
$$\begin{array}{r} 86\,301 \\ - 9\,851 \\ \hline \end{array}$$

5. $\frac{3}{4}$ of 8 = 

6. Use $<$, $>$ or $=$. $5\frac{1}{7}$ $4\frac{3}{4}$

7. What is the area of the rectangle? mm^2



8. $\frac{1}{9}$ of 81 =

9. Double 750.

10. $6\frac{2}{3} - 3\frac{1}{3} = \dots\dots\dots$

My score:

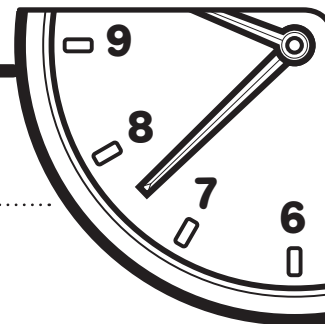
10

My time:

..... minutes

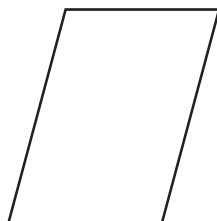
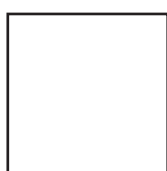
..... seconds

Minute 94



Name: Date:

1. Write $\frac{19}{4}$ as a mixed number.
2. Double 136.
3. 0.013 L = mL (1L = 1000 mL)
4. $\frac{1}{8}$ of 24 =
5. Write $\frac{1}{4}$ as a percentage.%
6. Are the shapes similar?



7. Write the numbers in order from highest to lowest.

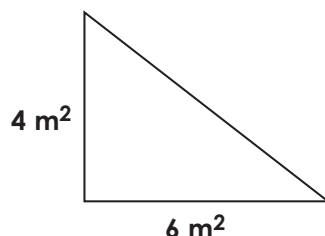
0.12 0.02 0.21 0.01

.....

8. $\frac{5}{6} + \frac{1}{12}$ $\frac{5}{6} (\frac{2}{2}) + \frac{1}{12} = \frac{10}{12} + \frac{1}{12} = \frac{11}{12}$

9. Circle the digit in the hundredths place. 0.614

10. What is the area of the triangle? m² ($A = \frac{1}{2} \times b \times h$)



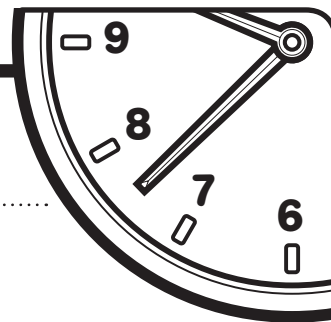
My score:

10

My time:

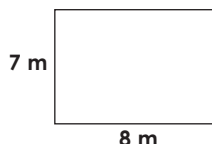
..... minutes seconds

Minute 95



Name: Date:

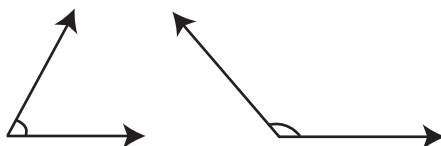
- Write $\frac{40}{50}$ in lowest terms.
- What is the area of the rectangle? m²



- $31.4 \div 10 = \dots\dots\dots$
- $\frac{3}{4} - \frac{1}{2}$ $\frac{3}{4} - \frac{1}{2} \left(\frac{\dots}{4} \right) =$
- Write the number in standard form: two million, four hundred and eleven thousand, three hundred and thirty-two.

.....

- Round to the bold place. 14.**4**6
- Are the angles congruent?



- What is the lowest common multiple of 2 and 5?
- Double 79 =
- Write the ratio **15 to 32** as a fraction.

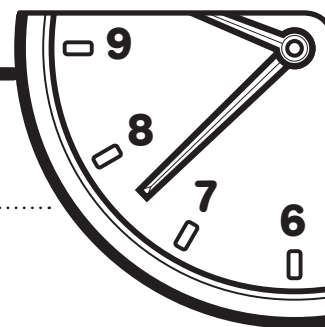
My score:

10

My time:

..... minutes seconds

Minute 96



Name: Date:

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

2. Write 0.03 as a percentage.%

3. Circle the fraction equivalent to $\frac{5}{8}$. $\frac{10}{12}$ $\frac{15}{24}$ $\frac{20}{36}$

4.
$$\begin{array}{r} 628 \\ - 47 \\ \hline \end{array}$$

.....

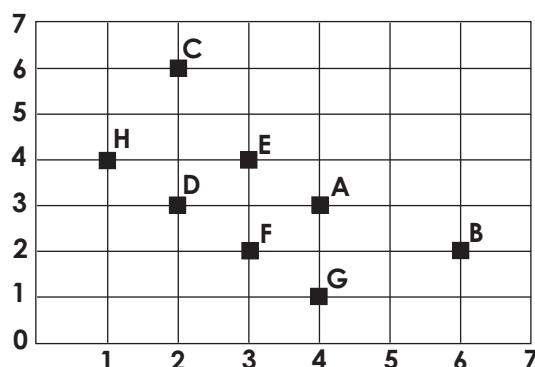
5. $\frac{2}{4}$ of 10 =

Use the grid to complete Questions 6 to 8.

6. Name the point at the coordinates (3, 4).

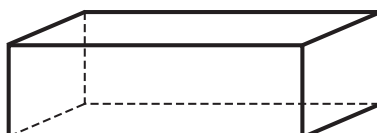
7. What are the coordinates for point B? (.....)

8. Name the point at the coordinates (4, 1).



9. Circle the digit in the tenths place. 193.08

10. Name the solid shape. prism.



My score:

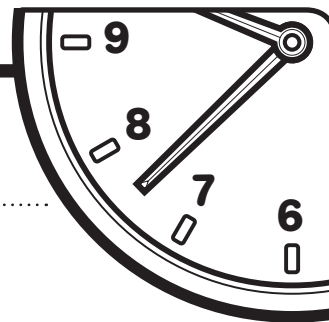
10

My time:

..... minutes

..... seconds

Minute 97



Name: Date:

1. Circle the fraction equivalent to $\frac{5}{6}$. $\frac{15}{12}$ $\frac{12}{18}$ $\frac{30}{36}$

2. Use $<$, $>$ or $=$. 5 256 734 5 256 734

3. Are the shapes similar or congruent?



4. $2 \overline{)18.86}$

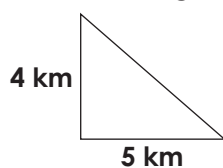
5. Write 17% as a fraction.

6. $\begin{array}{r} 148\ 565 \\ - 15\ 178 \\ \hline \end{array}$

7. $\frac{1}{2} + \frac{3}{8}$ $\frac{1}{2} (\frac{\square}{8}) + \frac{3}{8} = \frac{\square}{8}$

8. 10 mm = cm

9. What is the area of the triangle? km²



$$(A = \frac{1}{2} \times b \times h)$$

10. $\frac{4}{4}$ of 12 =

My score:

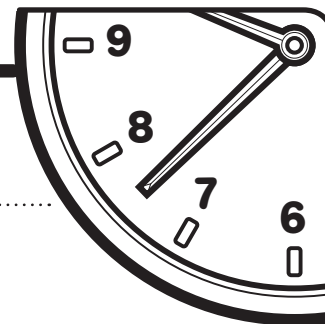
10

My time:

minutes

seconds

Minute 98



Name: Date:

1. Write $\frac{6}{9}$ in lowest terms.

2.
$$\begin{array}{r} 12.7 \\ \times 5 \\ \hline \end{array}$$

.....

3. Write $\frac{9}{10}$ as a percentage.%

4. 176 m = km (1 m = 1000 km)

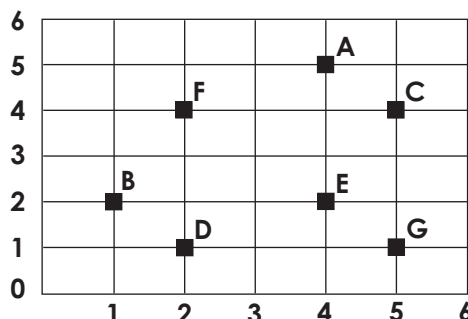
5. $\frac{5}{6}$ of 12 =

Use the grid to complete Questions 6 to 8.

6. Name the point at the coordinates (2, 1).

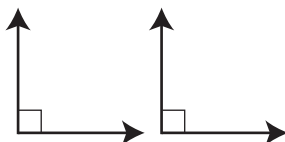
7. What are the coordinates for point E?

8. Name the point at the coordinates (4, 5).



9. $\frac{1}{3} - \frac{1}{6}$ $\frac{1}{3} \left(\frac{\square}{6} \right) - \frac{\square}{6} = \frac{\square}{6}$

10. Are the angles congruent?



My score:

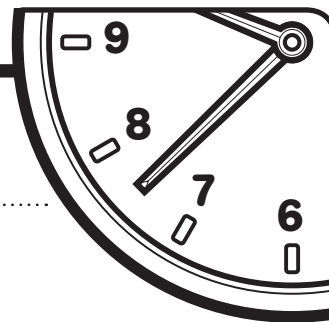
10

My time:

.....
minutes

.....
seconds

Minute 99

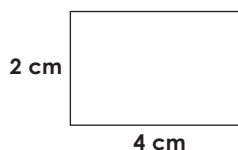


Name: Date:

1. $5 \overline{)0.0075}$

2. $\frac{4}{9} - \frac{1}{9} = \dots\dots\dots$

3. What is the area of the rectangle? cm^2



4.
$$\begin{array}{r} 3 \\ 4 \\ 8 \\ 7 \\ + 6 \\ \hline \end{array}$$

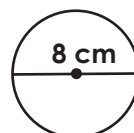
.....
.....

5. Circle the digit in the millions place.

4 715 823

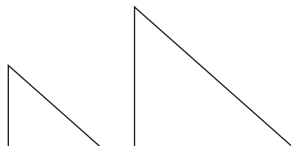
6. $2\frac{1}{3} + 5\frac{1}{3} = \dots\dots\dots$

7. What is the radius of the circle? cm



8. What is 50% of 500?

9. Are the triangles similar or congruent?



10. Write $\frac{11}{6}$ as a mixed number.

My score:

10

My time:

.....
minutes

.....
seconds

Minute 100



Name: Date:

1. Write the number in standard form:

two hundred and two thousand, one hundred and sixty-two.

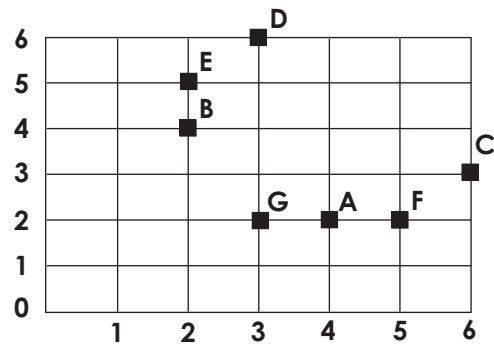
2. $\frac{3}{4}$ of \$8.00 = \$.....

Use the grid to complete Questions 3 to 5.

3. Name the point at the coordinates (4, 2).

4. What are the coordinates for point D?

5. Name the point at the coordinates (5, 2).



6. What percentage of 10 is 5?

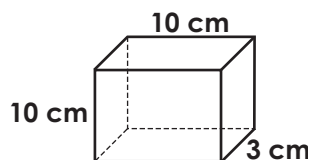
$$\begin{array}{r} 910 \\ + 813 \\ \hline \end{array}$$

.....

8. $100 \times 0.003 =$

9. $4\frac{1}{2} - 2\frac{1}{2} =$

10. Write the volume of the solid. cm^3



$$V = l \times w \times h$$

My score:

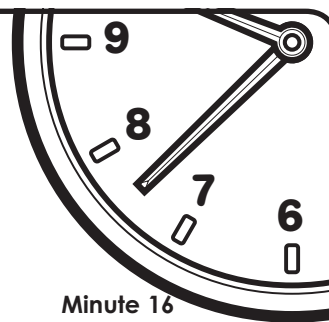
10

My time:

..... minutes

..... seconds

Minute answer key



Minute 1

- 7
- 12
- No
- 10
- 12.00 midnight
- 32%
- football, hockey
- basketball
- 4
- 100

Minute 2

- 25
- 5
- 15
- 11
- 5
- $8 + 6 = 14$
- True
- $\frac{1}{2}$
- 60
- 12, 15, 18

Minute 3

- 473 665
- 8
- clean their room
- go to movies
- play outside
- 49
- 5.00 pm
- cone
- $12 - 8 = 4$
- 140

Minute 4

- 25
- 40
- 95
- $6 \times 7 = 42$
- 48
- 10
- 20
- $\frac{2}{3}$
- 48
- Subtract 11

Minute 5

- 5
- 40
- 18 000
- No
- 69
- 646 354
- $\frac{2}{5}$
- 42, 32, 22
- 20
- 25

Minute 6

- 21
- 244
- $6 + 7 = 13$
- 80
- 7
- 1000
- True
- 200
- 13
- square pyramid

Minute 7

- $11 - 3 = 8$
- 299
- 10
- increase
- 24
- 10
- 1500 m
- 90, 80, 70
- $\frac{3}{7}$
- 200

Minute 8

- 700
- 421
- $12 \times 8 = 96$
- 56
- True
- 4.00 am
- 8
- octagon
- 3000
- 101 r 1

Minute 9

- 0
- 86
- 157
- PE
- 60
- 9
- 1000
- $\frac{6}{9}$ or $\frac{2}{3}$
- $1\frac{1}{2}$ or 1.5
- 6

Minute 10

- 7 hundred
- 1000
- 36
- Yes
- $\frac{3}{8}$
- 150
- $7 \times 11 = 77$
- 17
- 4
- 150

Minute 11

- 831 894
- 50
- 908
- Yes
- 6
- 150
- 21
- $86 - 42 = 44$
- line
- 15 000

Minute 12

- 544
- 32, 36, 40
- 14
- 680 mm
- 933 085
- 7.00 pm
- $28 \div 7 = 4$
- Computing
- Cooking
- cube

Minute 13

- millions
- 20
- 10
- <
- 36
- Yes
- 3000
- 8610
- $\frac{3}{4}$
- 1 r 3

Minute 14

- 28
- 18
- 535
- composite number
- 15
- 2.5
- 7, 9, 11
- 10
- forty-two thousand, two hundred and thirty-four
- cylinder

Minute 15

- 7000
- 9
- 10
- 8991
- 1000
- <
- 19
- sphere
- 32, 64, 128
- 1400

Minute 16

- >
- 94 400
- 70
- True
- 42, 49, 56
- $8 \times 3 = 24$
- 80
- 5
- 3
- parallelogram

Minute 17

- 12 811
- $15 - 6 = 9$
- 3
- 180
- 99
- 2 r 4
- \$5.85
- $\frac{5}{6}$
- 2000
- 1.8

Minute 18

- 637 151
- 46
- 1
- 1200
- 3
- 80
- 10
- False
- grapes
- bananas

Minute 19

- 8
- 29
- 20
- 42
- \$2.50
- 3
- 900
- 0
- $2\frac{1}{2}$ or 2.5
- trapezium

Minute 20

- >
- 180
- 6
- 48, 40, 32
- 372 512
- 30°
- 8
- 180
- dog
- 40%

Minute answer key



Minute 21

1. 35
2. 335
3. 111 636
4. 16
5. 70
6. 9 r 3
7. 65 000
8. 233, 244
9. 392, 923, 3092, 3920
10. $\bigcirc$, $\square$, $\bigcirc$

Minute 22

1. 40
2. 24 r 1
3. $102 + 60 = 162$
4. 43 190
5. No
6. Quiz 4
7. improve
8. $<$
9. 4
10. 20

Minute 23

1. 11.6
2. 6 030 070
3. 16
4. 127
5. $5 - 3 = 2$
6. \$15.00
7. 40°
8. 3 000 000
9. 12
10. \$7.96

Minute 24

1. 8.05, 8.40, 8.45, 8.54
2. 96
3. 16.151
4. 110
5. 2949
6. 14
7. 60 thousands
8. $24 \div 3 = 8$
9. \$1.41
10. $\surd$

Minute 25

1. 39 279
2. 1523
3. 120
4. 71 000
5. 243
6. 11
7. 4
8. 22%
9. 6
10. 19.42, 19.24, 14.92, 14.29

Minute 26

1. 425
2. 4
3. $6 + 5 = 11$
4. 450
5. 30°C
6. True
7. $<$
8. 6 r 2
9. 15
10. No

Minute 27

1. 1541
2. 0.4
3. 140
4. \$18.00
5. 2425
6. $54 \div 6 = 9$
7. 19 000
8. prime number
9. 13
10. equilateral

Minute 28

1. 0
2. 90
3. \$0.51
4. 35
5. 18
6. 14
7. False
8. 31
9. 1.30, 0.31, 0.13, 0.013
10. $\frac{3}{6}$ or $\frac{1}{2}$

Minute 29

1. $5 + 7 = 12$
2. 3754
3. No
4. 40°
5. 23.23
6. 0
7. \$29.50
8. \$1.52
9. right-angle
10. 15

Minute 30

1. 100
2. 18
3. 50
4. 3.1
5. \$13.58
6. 7
7. 4000
8. $13 - 8 = 5$
9. yes
10. 15.16, 16.01, 16.15, 16.51

Minute 31

1. 851
2. 5
3. 1 070 409
4. 350
5. right
6. \$3.00
7. $32 \div 4 = 8$
8. 1443
9. 3
10. 7

Minute 32

1. 10
2. 180
3. Yes
4. 15
5. 9
6. 712
7. 24
8. 20
9. $<$
10. $\square$, $\triangle$

Minute 33

1. 104 498
2. 4
3. winter
4. Favourite seasons
5. spring, summer
6. $32 \div 4 = 8$
7. 16
8. 3000
9. 10.33, 10.30, 10.03, 1.03
10. 20c, 20c, 20c, 5c or 50c, 10c, 5c

Minute 34

1. 6250
2. 4
3. 72
4. 0
5. 12.62
6. 4800
7. 11
8. \$9.33
9. $<$
10. 16

Minute 35

1. 2.05
2. 442
3. 2
4. 12
5. $\square$, $\square$
6. 8
7. 4200
8. \$53
9. 9.26
10. 0

Minute 36

1. 16.1
2. 102
3. Yes
4. 75
5. 1348
6. 15
7. 19
8. \$7.28
9. isosceles
10. 16

Minute 37

1. $6 \times 3 = 18$
2. \$1.66
3. 15°C
4. 6500
5. 10
6. 1
7. No
8. \$8.88
9. 9
10. 3132

Minute 38

1. 14
2. 0.81, 0.18, 0.08, 0.01
3. 340
4. 20
5. 15
6. 13 000
7. 3, 30
8. 18
9. scalene
10. $\triangle$, $\square$

Minute 39

1. 12
2. 558
3. 195.48
4. 0.045
5. 1
6. 1342
7. acute
8. stay after school
9. 150
10. parent pick-up

Minute 40

1. 1645
2. 1
3. 1330
4. 1
5. 192
6. 35.26
7. 4
8. 16
9. 3, 10
10. 32

Minute answer key



Minute 41

1. \$29.44
2. 0.21
3. 15
4. 28 m 20 cm
5. True
6. \$2.96
7. 12
8. 270
9. 24
10. 1

Minute 42

1. 90
2. True
3. 12
4. \$37.84
5. 3
6. 16.29
7. 125
8. 8
9. 12°
10. 120

Minute 43

1. 250
2. \$0.91
3. True
4. 2
5. $>$
6. \$60.25
7. 12 900
8. obtuse
9. 20
10. 4

Minute 44

1. \$55.50
2. \$21.00
3. 320
4. 56
5. 14
6. $\frac{1}{2}$
7. 240
8. obtuse
9. True
10. 17

Minute 45

1. yes
2. 3
3. False
4. A
5. 12
6. 2, 5
7. 2.5
8. 26
9. 3606
10. 340

Minute 46

1. \$2.00
2. \$5.68
3. 6.35
4. \$28.10
5. 4 r 1
6. No
7. obtuse
8. 30 635
9. True
10. 180

Minute 47

1. 0.6
2. 3
3. \$49.00
4. 24
5. 2, 33
6. hexagon
7. 170°
8. 16.99
9. 208
10. O, ●

Minute 48

1. 11
2. 6
3. \$0.52
4. True
5. \$73.62
6. 7, 50
7. 39°C
8. 0
9. \$12.30
10. 103

Minute 49

1. 12%
2. 7.2
3. 7200mL
4. False
5. 4040mL
6. 2442
7. 1
8. 25°
9. $\overline{GH}$
10. 1848

Minute 50

1. \$36.41
2. 18
3. rhombus
4. \$12.70
5. 40 cm
6. 2, 6
7. 18 117
8. right
9. 2 r 6
10. ∇

Minute 51

1. \$16.24
2. 0.2
3. 4000
4. $16 \div 8 = 2$
5. 1624
6. 3, 36
7. Octagon
8. 60°
9. 12
10. True

Minute 52

1. \$8.55
2. Yes
3. 0.072
4. 4200
5. 62
6. 26.23
7. 240
8. 18 682
9. yes
10. equilateral

Minute 53

1. 7
2. trapezium
3. \$0.70
4. yes
5. 15
6. 168
7. 27°C
8. 0.018
9. difference
10. quotient

Minute 54

1. 10
2. \$32.84
3. 10.15
4. 32
5. 304
6. 1, 3
7. 1.62
8. acute
9. 6
10. True

Minute 55

1. 17.1
2. 200.9
3. 14%
4. 5
5. 109
6. yes
7. 32 880
8. sphere
9. equilateral
10. plane

Minute 56

1. 46%
2. 0.8
3. 21
4. $\overline{DC}$
5. plane
6. ray
7. point
8. 1, 30
9. $\angle ZYX$
10. 1020

Minute 57

1. True
2. 90°
3. 0.705
4. 280
5. 15
6. 1.12
7. 36 108
8. 125°
9. True
10. perimeter

Minute 58

1. 5.08
2. \$2.05
3. 267
4. no
5. 34.22
6. 1, 40
7. NML
8. True
9. 156
10. \$0.95

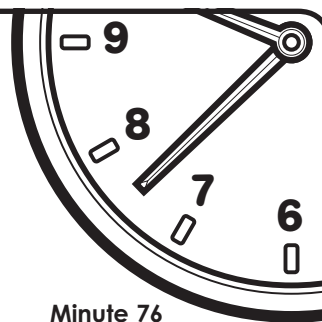
Minute 59

1. \$55.20
2. 4.02
3. 21
4. 140
5. 81
6. perpendicular
7. $>$
8. $=$
9. 0.2
10. True

Minute 60

1. 75%
2. $\frac{5}{10}$ or $\frac{1}{2}$
3. 2811
4. 15
5. 4, 46
6. 0.3
7. acute
8. mystery
9. 20
10. 15

Minute answer key



Minute 61

- 1.8
- \$0.27
- 70°
- 0.64
- 27
- 3, 0
- $1\frac{4}{6}, 1\frac{2}{3}$
- 20.604
- 16
- diameter

Minute 62

- 9.6
- \$11.04
- 7250
- no
- 2.01
- 103
- 3
- $2\frac{5}{6}$
- isosceles
- 270

Minute 63

- \$35.07
- 1.058
- 2.05
- 176
- ellipse
- 70
- 45°
- 748
- $\frac{2}{4}$ or $\frac{1}{2}$
- 3%

Minute 64

- 8 r 1
- >
- 4.02
- 300
- 2
- 0.02
- obtuse
- $\frac{5}{7}$
- 5
- 20

Minute 65

- 64%
- 60
- \$12.15
- 6500
- no
- 8750
- 52
- right-angle
- $\frac{2}{8}, \frac{5}{8}$
- 1, 20

Minute 66

- \$22.08
- 6
- 1.14
- 35
- $\frac{2}{7}$
- 75%
- \$4.60
- 0
- 90
- 198

Minute 67

- \$19.02
- 14
- 47%
- $\frac{3}{5}$
- yes
- True
- 2:4
- sunny
- April
- Feb. and May

Minute 68

- 3:5
- HJ
- True
- 6.5
- 5.2
- True
- $5\frac{4}{5}$
- 5
- 28 mm
- 6.81

Minute 69

- 101
- True
- $\frac{6}{10}, \frac{9}{10}$
- 7
- 2.172
- True
- 2085
- 2:3
- False
- 2

Minute 70

- 50%
- \$1.76
- $\frac{3}{6}$
- 2
- $3\frac{1}{3}$
- 36.26
- 10.596
- , □, □, □, ○
- 36
- 6

Minute 71

- 0
- $6\frac{3}{8}$
- 4:5
- 3
- 1510
- 4.132
- $\frac{11}{4}$
- True
- 5
- $3\frac{1}{2}$

Minute 72

- =
- $\frac{5}{4}$ or $1\frac{1}{4}$
- 10.75
- 3
- $\frac{12}{4}$
- $\overline{BA}$
- 20
- 429
- True
- $\frac{1}{2}$

Minute 73

- 14.027
- True
- $2\frac{2}{8}$ or $2\frac{1}{4}$
- 3:5
- 9%
- 2.14
- 0.07
- $\frac{1}{7}$
- triangular prism
- 320

Minute 74

- 0.6
- $\frac{23}{6}$
- 6
- 36
- $\frac{7}{6}$ or $1\frac{1}{6}$
- True
- 6
- 6
- 23.724
- 12

Minute 75

- =
- 17 109
- 15
- 12
- 36
- 19.528
- $\frac{2}{5}$
- 9
- 9
- 5:2

Minute 76

- 28.2
- 3 r 3
- 4:8
- 2
- 7
- 35
- $\frac{12}{20}$
- 72
- 0.05
- 0

Minute 77

- 1.16, 0.6, 0.16, 0.06
- $\frac{2}{9}$
- 20.82
- no
- $\frac{1}{3}$
- 0.0016
- 2
- 2
- $\frac{3}{5}$
- 24

Minute 78

- True
- yes
- 0.00
- no
- 45
- $1\frac{1}{4}$
- $\frac{41}{8}$
- 18
- $\frac{2}{3}$
- True

Minute 79

- 1
- $\frac{21}{27}$
- 12.56
- $\frac{1}{2}$
- 5964
- 1
- $\frac{9}{16}$
- 0.012
- 40
- 6

Minute 80

- $\frac{30}{100}$ or $\frac{3}{10}$
- 15
- 65%
- $7\frac{2}{4}$ or $7\frac{1}{2}$
- 9
- 9.42
- 4
- 17 109
- 2
- >

Minute answer key



Minute 81

1. $\frac{8}{9}$
2. 3
3. yes
4. 9
5. True
6. 27%
7. $\frac{3}{4}$
8. H
9. (4, 2)
10. E

Minute 82

1. 17.19, 17.91, 19.17, 19.71
2. $6\frac{4}{9}$
3. 5600
4. True
5. 5
6. 9
7. 1
8. no
9. 76.5
10. $\frac{14}{16}$

Minute 83

1. >
2. $\frac{4}{6}$ or $\frac{2}{3}$
3. 3699
4. True
5. 35
6. <
7. C
8. (6, 6)
9. G
10. <

Minute 84

1. 4900
2. $\frac{5}{6}$
3. no
4. \$2.25
5. 0.52
6. 2
7. 7%
8. 50
9. 13.3
10. $\frac{31}{4}$

Minute 85

1. $2\frac{1}{2}$
2. 7
3. 42
4. 6
5. <
6. 49
7. 12 000
8. yes
9. 3.21
10. $\frac{7}{8}$

Minute 86

1. $16\frac{5}{8}$
2. 7
3. 1.1
4. G
5. (1, 2)
6. C
7. $\frac{4}{16}$
8. 68
9. 6
10. 15

Minute 87

1. 3200
2. $2\frac{2}{7}$
3. 2
4. 6
5. 0.164
6. 20%
7. 27
8. 1
9. $\frac{4}{6}$ or $\frac{2}{3}$
10. 4

Minute 88

1. =
2. 42
3. $\frac{3}{8}$
4. 0.26
5. 25
6. $\frac{3}{8}$
7. yes
8. 5
9. True
10. 1.1

Minute 89

1. 10 216
2. $\frac{5}{8}$
3. 2
4. 0.01
5. H
6. (2, 4)
7. D
8. $\frac{7}{3}$ or $2\frac{1}{3}$
9. 30
10. no

Minute 90

1. True
2. 8
3. $\frac{8}{9}$
4. 4
5. no
6. 5 491 687
7. $\frac{2}{3}$
8. $1\frac{4}{5}$
9. 35
10. 3

Minute 91

1. $11\frac{1}{4}$
2. 4.18
3. 80
4. 12
5. 7
6. <
7. 1.3
8. $\frac{11}{20}$
9. 8
10. $6 + 9 = 15$, $15 - 6 = 9$

Minute 92

1. 51%
2. $2\frac{3}{7}$
3. $8 + 7 = 15$, $15 - 7 = 8$
4. 70
5. similar
6. 16
7. 26.032
8. 2 700 563
9. $2\frac{1}{5}$
10. $\frac{4}{6}$

Minute 93

1. 0.019
2. 2
3. congruent
4. 76 450
5. 6
6. >
7. 24
8. 9
9. 1500
10. $3\frac{1}{3}$

Minute 94

1. $4\frac{3}{4}$
2. 272
3. 13
4. 3
5. 25%
6. no
7. 0.21, 0.12, 0.02, 0.01
8. $\frac{10}{12}$, $\frac{11}{12}$
9. 1
10. 12

Minute 95

1. $\frac{4}{5}$
2. 56
3. 3.14
4. $\frac{1}{4}$
5. 2 411 332
6. 14.5
7. no
8. 10
9. 158
10. $\frac{15}{32}$

Minute 96

1. $\frac{4}{8}$ or $\frac{1}{2}$
2. 3%
3. $\frac{15}{24}$
4. 581
5. 5
6. E
7. (6, 2)
8. G
9. 0
10. rectangular prism

Minute 97

1. $\frac{30}{36}$
2. =
3. similar
4. 9.43
5. $\frac{17}{100}$
6. 133 387
7. $\frac{4}{8}$, $\frac{7}{8}$
8. 1
9. 10
10. 12

Minute 98

1. $\frac{2}{3}$
2. 63.5
3. 90%
4. 0.176
5. 10
6. D
7. (4, 2)
8. A
9. $\frac{1}{6}$
10. yes

Minute 99

1. 0.0015
2. $\frac{3}{9}$ or $\frac{1}{3}$
3. 8
4. 28
5. 4
6. $7\frac{2}{3}$
7. 4
8. 250
9. similar
10. $1\frac{5}{6}$

Minute 100

1. 202 162
2. \$6.00
3. A
4. (3, 6)
5. F
6. 50%
7. 1723
8. 0.3
9. 2
10. 300