

Year 4 Maths Activity Mat

Section 1

Work out:

$9^2 = \boxed{}$

$8^2 = \boxed{}$

Section 2

Use the grid method to solve:

×	60	8
7		

Section 5

Ben has 1kg of flour. He uses 420g. How much flour is left?

Section 7

Bella arrives at a party at 2.50pm. She is there for 86 minutes. What time did she leave?

Section 3

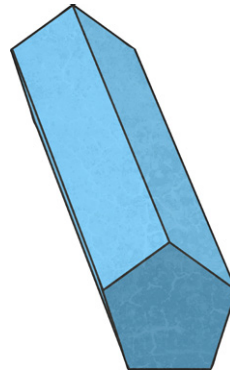
Work out:

$4 \text{ weeks} = \boxed{} \text{ days}$

$50 \text{ days} = \boxed{} \text{ weeks } \boxed{} \text{ day/s}$

Section 6

Here is a pentagonal-based prism.

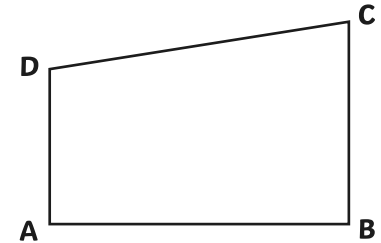


There are:

 faces vertices

Section 8

What type of angles are **A** and **B**?



A =

B =

C =

D =

Section 4

Complete these:

$93 - \boxed{} = 15$

$72 + \boxed{} = 123$

Year 4 Maths Activity Mat: 1

Answers

Section 1

Work out:

$$9^2 = \boxed{81}$$

$$8^2 = \boxed{64}$$

Section 2

Use the grid method to solve:

×	60	8
7	420	56

476

Section 5

Ben has 1kg of flour. He uses 420g. How much flour is left?

580g

Section 7

Bella arrives at a party at 2.50pm. She is there for 86 minutes. What time did she leave?

4:16pm

Section 3

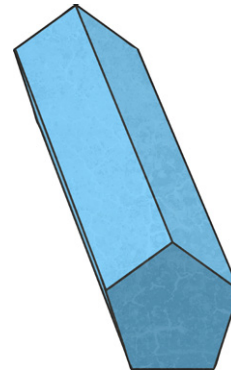
Work out:

$$4 \text{ weeks} = \boxed{28} \text{ days}$$

$$50 \text{ days} = \boxed{7} \text{ weeks } \boxed{1} \text{ day/s}$$

Section 6

Here is a pentagonal-based prism.



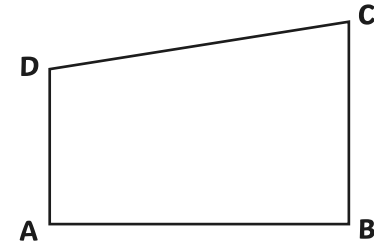
There are:

7 faces

10 vertices

Section 8

What type of angles are **A** and **B**?



A = right angle

B = right angle

C = acute angle

D = obtuse angle

Section 4

Complete these:

$$93 - \boxed{78} = 15$$

$$72 + \boxed{51} = 123$$

Year 4 Maths Activity Mat

Section 1

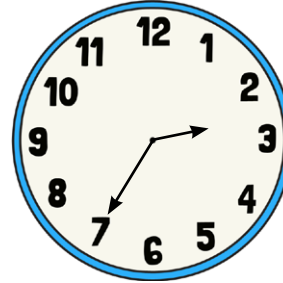
A football match lasts 105 minutes. It finishes at 3:15pm. What time did it start?

Section 3

A book costs £5. There is a buy one get one half price offer on. How much would Jim pay for two books?

Section 4

Write the time in words and numbers.



numbers:

words:

.....

Section 2

Draw coins to make 79p.

Section 5

Fill in the missing boxes:

$$\boxed{} \div 3 = 3$$

$$\boxed{} \div 8 = 9$$

Section 7

Draw a shape with:

- at least one diagonal line;
- at least 2 vertical lines;
- at least 2 horizontal lines.

Section 6

Change these amounts of money from pence to pounds.

$$1204p = \boxed{}$$

$$7022p = \boxed{}$$

Section 8

Work out:

$$5 \overline{) 105}$$

$$3 \overline{) 54}$$

Year 4 Maths Activity Mat: 2

Answers

Section 1

A football match lasts 105 minutes. It finishes at 3:15pm. What time did it start?

1:30pm

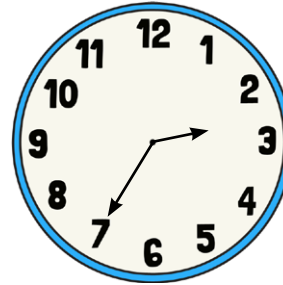
Section 3

A book costs £5. There is a buy one get one half price offer on. How much would Jim pay for two books?

£7.50

Section 4

Write the time in words and numbers.



numbers: 2:35

words: Twenty-five minutes to three OR

Thirty-five minutes past two

Section 2

Draw coins to make 79p.

Example:



Section 5

Fill in the missing boxes:

$$\boxed{9} \div 3 = 3$$

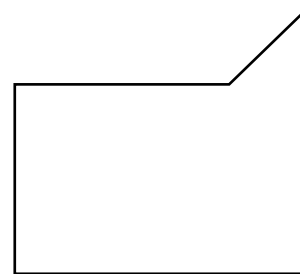
$$\boxed{72} \div 8 = 9$$

Section 7

Draw a shape with:

- at least one diagonal line;
- at least 2 vertical lines;
- at least 2 horizontal lines.

Example:



Section 8

Work out:

$$\begin{array}{r} 2 \quad 1 \\ 5 \overline{) 105} \end{array}$$

$$\begin{array}{r} 1 \quad 8 \\ 3 \overline{) 54} \end{array}$$

Year 4 Maths Activity Mat

Section 1

Write the next numbers in the sequence:

450	400	350				
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Section 2

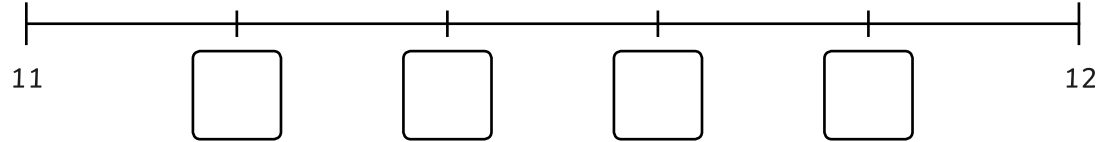
If you are facing south and make a $\frac{3}{4}$ turn to the left, what direction are you facing now?

Section 3

$$\begin{array}{r} 6 \ 9 \ 5 \ 4 \\ - 2 \ 4 \ 6 \ 7 \\ \hline \end{array}$$

Section 5

Put the missing fractions on the number line.



Section 6

Write the distance in metres.

11.8km =

10.2km =

Section 7

Use < or > signs to make these statements true.

1856 1586 2587 2857

Section 4

Estimate the answer first, then work out the correct answer.

68×9

Estimate:

Working out and answer:

Section 8

Round these numbers to the nearest multiple of 10.

124 \longrightarrow

349 \longrightarrow

839 \longrightarrow

450 \longrightarrow

Year 4 Maths Activity Mat: 3

Answers

Section 1

Write the next numbers in the sequence:

450	400	350	300	250	200	150
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Section 2

If you are facing south and make a $\frac{3}{4}$ turn to the left, what direction are you facing now?

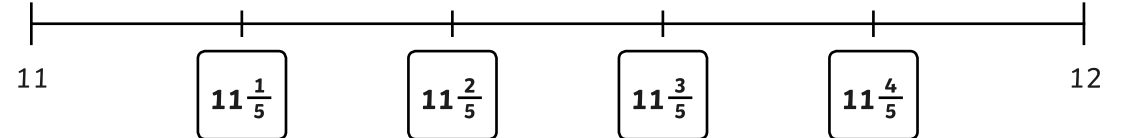
west

Section 3

$$\begin{array}{r} 6954 \\ - 2467 \\ \hline 4487 \end{array}$$

Section 5

Put the missing fractions on the number line.



Section 6

Write the distance in metres.

$$11.8\text{km} = \boxed{11800\text{m}}$$

$$10.2\text{km} = \boxed{10200\text{m}}$$

Section 7

Use < or > signs to make these statements true.

$$1856 \boxed{>} 1586 \quad 2587 \boxed{<} 2857$$

Section 4

Estimate the answer first, then work out the correct answer.

$$68 \times 9$$

Estimate: **Realistic answer, e.g.** $\boxed{700}$

Working out and answer: $\boxed{612}$

Section 8

Round these numbers to the nearest multiple of 10.

$$124 \longrightarrow \boxed{120}$$

$$349 \longrightarrow \boxed{350}$$

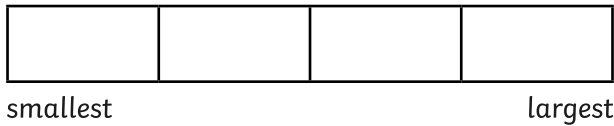
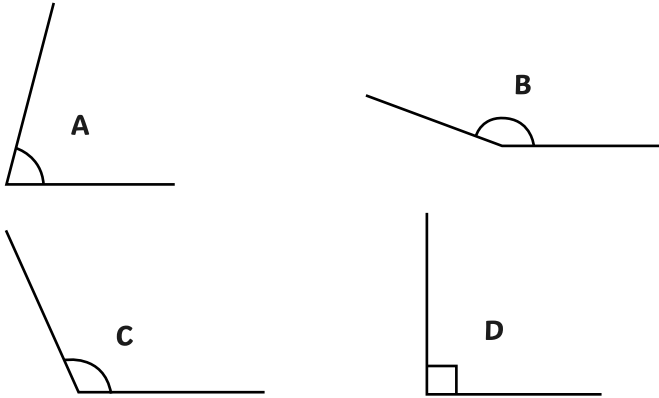
$$839 \longrightarrow \boxed{840}$$

$$450 \longrightarrow \boxed{450}$$

Year 4 Maths Activity Mat

Section 1

Order these angles from smallest to largest:



Section 4

Calculate:

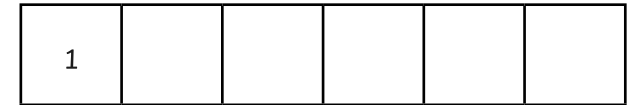
$$317 + \square = 358$$

$$\square - 203 = 262$$

Section 5

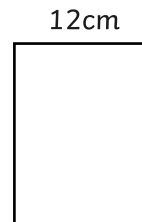
Start at 1.

Count back in ninths.



Section 6

The perimeter of a rectangle is 120cm.



The width is 12 cm.

What is the length?

Section 7

Calculate:

$$6 \times 2 \times 4 = \square$$

$$6 \times 6 \times 10 = \square$$

Section 2

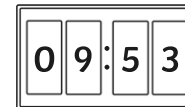
A kettle holds $1 \frac{1}{2}$ litres of water. 900ml is used. How much is left?

Section 3

How many eggs are there in 3 and half dozen?

Section 8

Write this digital time in words:



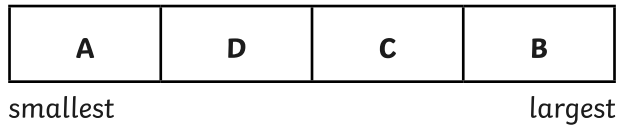
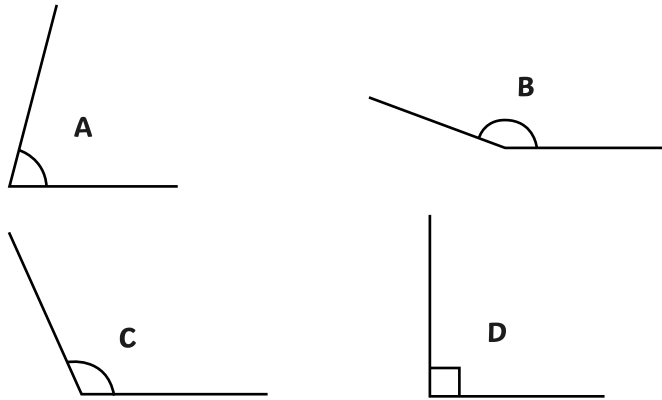
.....

Year 4 Maths Activity Mat: 4

Answers

Section 1

Order these angles from smallest to largest:



Section 4

Calculate:

$$317 + \boxed{41} = 358$$

$$\boxed{465} - 203 = 262$$

Section 5

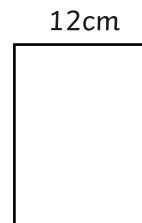
Start at 1.

Count back in ninths.

1	$\frac{8}{9}$	$\frac{7}{9}$	$\frac{6}{9}$	$\frac{5}{9}$	$\frac{4}{9}$
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Section 6

The perimeter of a rectangle is 120cm.



The width is 12 cm.

What is the length?

48cm

Section 7

Calculate:

$$6 \times 2 \times 4 = \boxed{48}$$

$$6 \times 6 \times 10 = \boxed{360}$$

Section 2

A kettle holds $1 \frac{1}{2}$ litres of water. 900ml is used. How much is left?

600ml

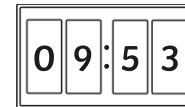
Section 3

How many eggs are there in 3 and half dozen?

42 eggs

Section 8

Write this digital time in words:



Seven minutes to ten.

Year 4 Maths Activity Mat

Section 1

Fill in the equivalent fractions.

$$\frac{2}{3} \text{ is equal to } \boxed{}$$

$$\frac{9}{10} \text{ is equal to } \boxed{}$$

Section 2

Divide each number by 10.

$$8 \longrightarrow \boxed{}$$

$$12 \longrightarrow \boxed{}$$

Section 5

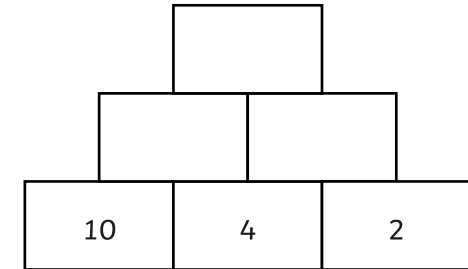
Convert these:

$$1500\text{ml} = \boxed{} \text{ litres}$$

$$72 \text{ hours} = \boxed{} \text{ days}$$

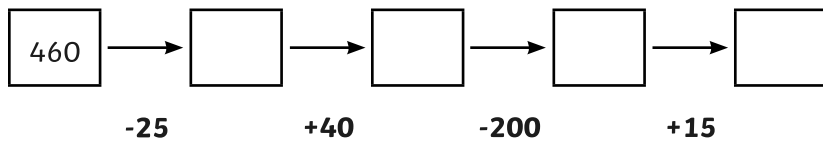
Section 6

Multiplication Pyramid:



Section 3

Complete the chain:



Section 7

Count back 3 from -2.

The answer is:

Section 8

Draw a scalene triangle.

Section 4

Order the decimals from smallest to largest:

6.59 6.41 7.1 6.23 6.3

--	--	--	--	--

smallest

largest

Year 4 Maths Activity Mat: 5

Answers

Section 1

Accept other equivalents. E.g.

$$\frac{2}{3} \text{ is equal to } \boxed{\frac{4}{6}}$$

$$\frac{9}{10} \text{ is equal to } \boxed{\frac{18}{20}}$$

Section 2

Divide each number by 10.

$$8 \longrightarrow \boxed{0.8}$$

$$12 \longrightarrow \boxed{1.2}$$

Section 5

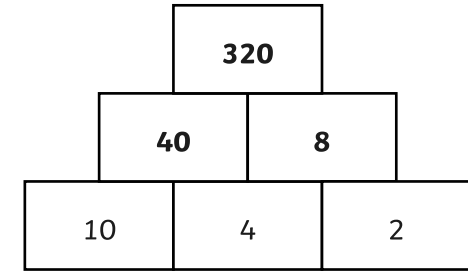
Convert these:

$$1500\text{ml} = \boxed{1.5 \text{ litres}}$$

$$72 \text{ hours} = \boxed{3 \text{ days}}$$

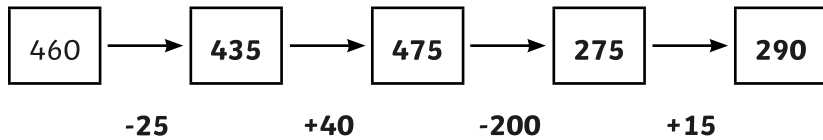
Section 6

Multiplication Pyramid:



Section 3

Complete the chain:



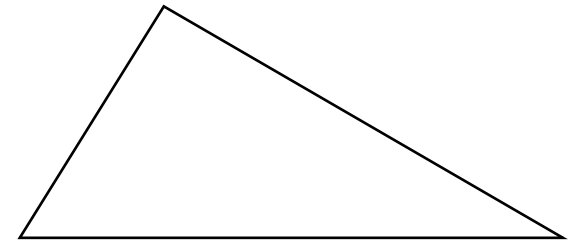
Section 7

Count back 3 from -2.

The answer is:

Section 8

Draw a scalene triangle.



Section 4

Order the decimals from smallest to largest:

6.59 6.41 7.1 6.23 6.3

6.23	6.3	6.41	6.59	7.1
smallest				largest

Year 4 Maths Activity Mat

Section 1

Use <, = or > to make these statements true:

$$\frac{2}{6} \quad \square \quad \frac{4}{12}$$

$$\frac{1}{4} \quad \square \quad \frac{3}{16}$$

Section 3

$$\frac{9}{10} \text{ of } 120 = \square$$

$$\frac{7}{8} \text{ of } 160 = \square$$

Section 4

Convert these Roman numerals into digits.

$$CXXV = \square$$

Section 6

Using any 3 of the numbers below, write 2 division statements and 2 multiplication statements.

12 8 9 96

division statements

multiplication statements

Section 2

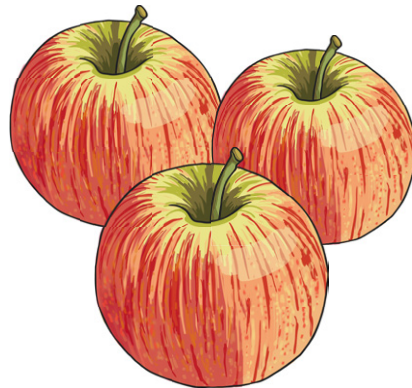
Cathy buys a handbag for £45.99.

She also buys some shoes for £55.50.

How much has she spent altogether?

Section 5

Two children share 3 apples. What fraction of the apples does each child have?



Section 7

A pie shop makes pies with 3 different types of pastry and 12 different fillings. How many different pie combinations are sold? Write your answer as a number sentence.

Section 8

Using the column method, complete the calculation:

	£	2	3	.	9	8
-		£	7	.	1	8

	£	2	0	.	6	0
-		£	8	.	5	9

Year 4 Maths Activity Mat: 6

Answers

Section 1

Use <, = or > to make these statements true:

$$\frac{2}{6} \quad \boxed{=} \quad \frac{4}{12}$$

$$\frac{1}{4} \quad \boxed{>} \quad \frac{3}{16}$$

Section 3

$$\frac{9}{10} \text{ of } 120 = \boxed{108}$$

$$\frac{7}{8} \text{ of } 160 = \boxed{140}$$

Section 4

Convert these Roman numerals into digits.

$$\text{CXXV} = \boxed{125}$$

Section 6

Using any 3 of the numbers below, write 2 division statements and 2 multiplication statements.

12 8 9 96

division statements

$$\boxed{96 \div 8 = 12}$$

$$\boxed{96 \div 12 = 8}$$

multiplication statements

$$\boxed{12 \times 8 = 96}$$

$$\boxed{8 \times 12 = 96}$$

Section 2

Cathy buys a handbag for £45.99.

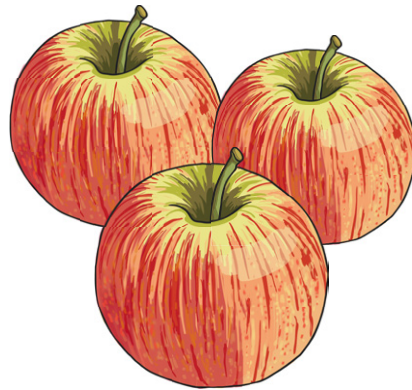
She also buys some shoes for £55.50.

How much has she spent altogether?

£101.49

Section 5

Two children share 3 apples. What fraction of the apples does each child have?



$\frac{1}{2}$ or $\frac{3}{2}$

Section 7

A pie shop makes pies with 3 different types of pastry and 12 different fillings. How many different pie combinations are sold? Write your answer as a number sentence.

$$\boxed{3 \times 12 = 36}$$

Section 8

Using the column method, complete the calculation:

	£	2	3	.	9	8
-		£	7	.	1	8
	£	1	6	.	8	0

	£	2	0	.	6	0
-		£	8	.	5	9
	£	1	2	.	0	1