

Year 3 Maths Activity Mat

Section 1

Write the next numbers in the sequence:

53	63	73	83				
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Section 3

Use partitioning to add these numbers together.

$75 + 82 = \boxed{}$

$97 + 13 = \boxed{}$

Section 4

Double these numbers.

$24 \rightarrow \boxed{}$

$35 \rightarrow \boxed{}$

$18 \rightarrow \boxed{}$

Section 5

What do you need to add to these numbers to make 100?

$80 + \boxed{}$

$70 + \boxed{}$

$40 + \boxed{}$

Section 2

Circle the largest numbers in these pairs:

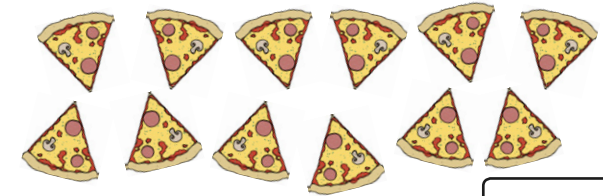
256 or 265

734 or 744

312 or 321

Section 6

A pizza is cut into 12 slices. If half of it is eaten, how many slices are left?



Section 7

Total the coins.



Section 8

How many minutes in an hour?



Year 3 Maths Activity Mat: 1

Answers

Section 1

Write the next numbers in the sequence:

53	63	73	83	93	103	113	123
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Section 3

Use partitioning to add these numbers together.

$$75 + 82 = \boxed{157}$$

$$97 + 13 = \boxed{110}$$

Section 4

Double these numbers.

$$24 \longrightarrow \boxed{48}$$

$$35 \longrightarrow \boxed{70}$$

$$18 \longrightarrow \boxed{36}$$

Section 5

What do you need to add to these numbers to make 100?

$$80 + \boxed{20}$$

$$70 + \boxed{30}$$

$$40 + \boxed{60}$$

Section 2

Circle the largest numbers in these pairs:

$$256 \text{ or } \boxed{265}$$

$$734 \text{ or } \boxed{744}$$

$$312 \text{ or } \boxed{321}$$

Section 6

A pizza is cut into 12 slices. If half of it is eaten, how many slices are left?



6

Section 7

Total the coins.



£2.68

Section 8

How many minutes in an hour?

60



Year 3 Maths Activity Mat

Section 1

Recombine these digits together to find what they make:

6 70 800

Section 2

$$300 + \square + 6 = 376$$

$$200 + \square + 3 = 283$$

Section 3

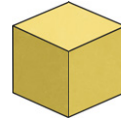
Complete the calculation:

$$65 - 39 = \square$$

Section 4

Match up the 3D shapes to their names:

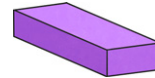
cube



cuboid



sphere



Section 6

4 tickets cost £24 altogether.

How much is one ticket?

Section 7

Convert these kilograms to grams.

$$\frac{1}{4} \text{ kg} = \square$$

$$1\frac{1}{4} \text{ kg} = \square$$



Section 5

$$15 \div 3 = \square$$

$$20 \div 10 = \square$$

$$12 \div 6 = \square$$

Section 8

Use the written formal method to answer:

$$83 \times 3 = \square$$

Year 3 Maths Activity Mat: 2

Answers

Section 1

Recombine these digits together to find what they make:

6 70 800

876

Section 2

$$300 + \boxed{70} + 6 = 376$$

$$200 + \boxed{80} + 3 = 283$$

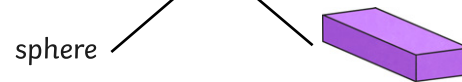
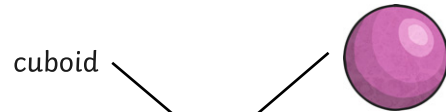
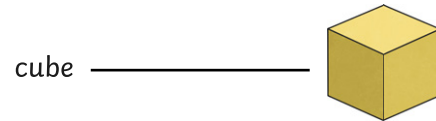
Section 3

Complete the calculation:

$$65 - 39 = \boxed{26}$$

Section 4

Match up the 3D shapes to their names:



Section 5

$$15 \div 3 = \boxed{5}$$

$$20 \div 10 = \boxed{2}$$

$$12 \div 6 = \boxed{2}$$

Section 6

4 tickets cost £24 altogether.

How much is one ticket?

£6

Section 7

Convert these kilograms to grams.

$$\frac{1}{4} \text{ kg} = \boxed{250\text{g}}$$

$$1\frac{1}{4} \text{ kg} = \boxed{1250\text{g}}$$



Section 8

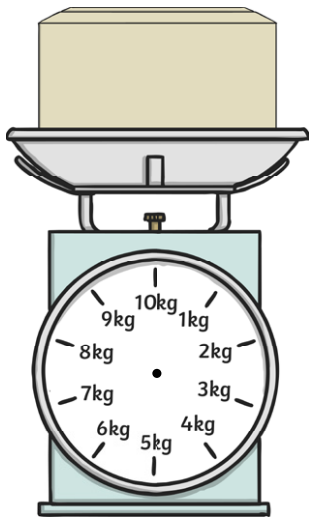
Use the written formal method to answer:

$$83 \times 3 = \boxed{249}$$

Year 3 Maths Activity Mat

Section 1

Draw an arrow pointing to 5kg 250g.



Section 3

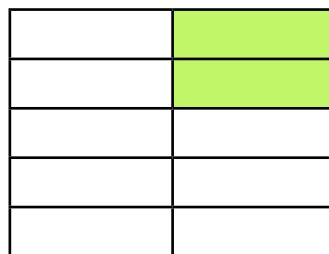
One pencil costs 28p. What do 3 pencils cost?

Section 6

$$140 + 20 + 20 = \boxed{}$$

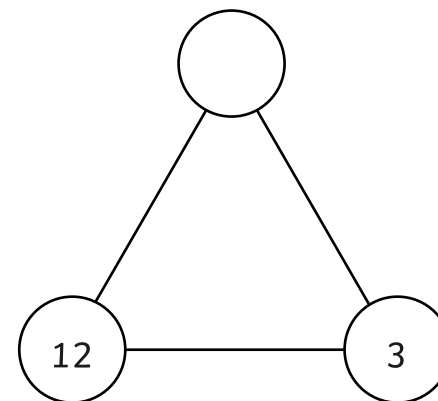
Section 4

What fraction is coloured in?



Section 7

Multiply the two bottom numbers to find the missing number.



Section 2

Complete this calculation:

$$\begin{array}{r} 8 \quad 9 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

Section 5

Measure this with your ruler. How long is it in mm?



Section 8

Start at 126.

Count on 30.

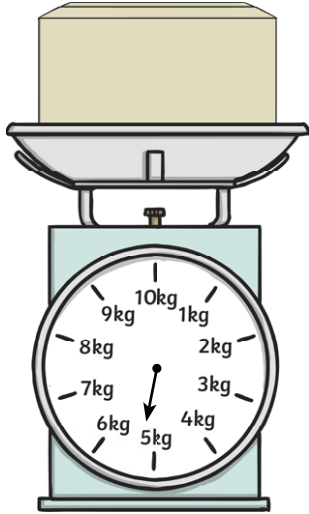
What is your answer?

Year 3 Maths Activity Mat: 3

Answers

Section 1

Draw an arrow pointing to 5kg 250g.



Section 2

Complete this calculation:

$$\begin{array}{r} 8 9 \\ \times 2 \\ \hline 1 7 8 \end{array}$$

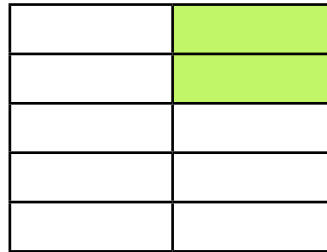
Section 3

One pencil costs 28p. What do 3 pencils cost?

84p

Section 4

What fraction is coloured in?



$\frac{2}{10}$ or $\frac{1}{5}$

Section 5

Measure this with your ruler. How long is it in mm?



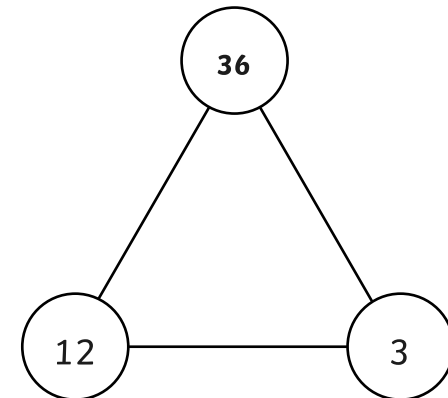
37mm

Section 6

$$140 + 20 + 20 = \boxed{180}$$

Section 7

Multiply the two bottom numbers to find the missing number.



Section 8

Start at 126.

Count on 30.

What is your answer?

156

Year 3 Maths Activity Mat

Section 1

Complete this calculation:

$$103 - 27 = \boxed{}$$

Section 2

What is 7 more than 68?

Section 4

$$\boxed{} \times 4 = 24$$

$$\boxed{} \div 4 = 9$$

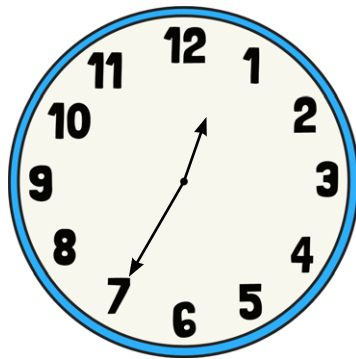
Section 3

There are 217 houses on one side of the road and 194 on the other side. How many houses are there altogether?



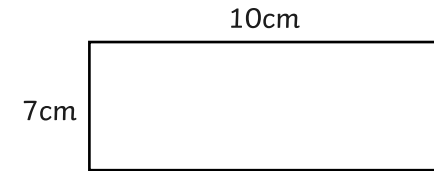
Section 5

It is now 12:35. What time will it be in half an hour?



Section 6

What is the perimeter of this rectangle?



Section 7

A bacon sandwich costs £2.15.

How much do 2 bacon sandwiches cost?

Section 8

What is 534 subtract 200?

Year 3 Maths Activity Mat: 4 Answers

Section 1

Complete this calculation:

$$103 - 27 = \boxed{76}$$

Section 2

What is 7 more than 68?

75

Section 4

$$\boxed{6} \times 4 = 24$$

$$\boxed{36} \div 4 = 9$$

Section 3

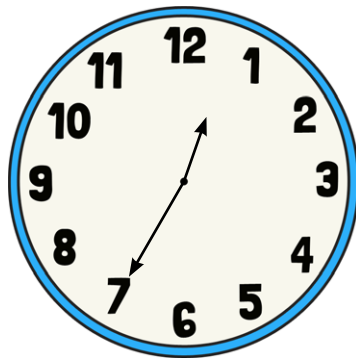
There are 217 houses on one side of the road and 194 on the other side. How many houses are there altogether?



411

Section 5

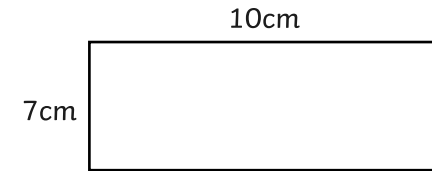
It is now 12:35. What time will it be in half an hour?



1:05

Section 6

What is the perimeter of this rectangle?



34cm

Section 7

A bacon sandwich costs £2.15.

How much do 2 bacon sandwiches cost?

£4.30

Section 8

What is 534 subtract 200?

334

Section 1

Draw a shape with a ruler.

Make sure it has at least 2 right angles and mark them on your shape.

Section 3

Order these numbers smallest to largest:

118 810 108 138 218

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smallest

largest

Section 4

Write the multiple of 4 that comes before these numbers:

24:

36:

48:

Section 5

Write these numbers in words:

132:

471:

211:

Section 6

There are 12 bottles of water in one pack. How many packs would there be if there were 48 bottles of water altogether? Write a number statement to show this.

Section 2

If you double 233, the answer is:

Then double the answer:

Section 7

Write 2 division facts using these numbers:

32 4 8

Section 8

Cathy is a quarter of her sister's age. Her sister is 16. How old is Cathy?

Year 3 Maths Activity Mat: 5

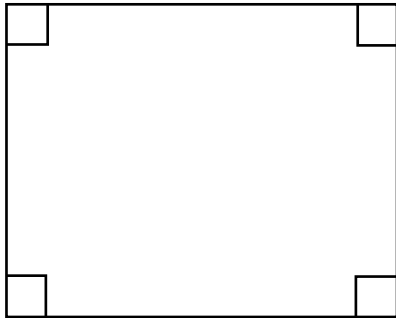
Answers

Section 1

Draw a shape with a ruler.

Make sure it has at least 2 right angles and mark them on your shape.

A shape with 2 clear right angles.



Section 2

If you double 233, the answer is:

466

Then double the answer:

932

Section 3

Order these numbers smallest to largest:

118 810 108 138 218

108	118	138	218	810
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smallest

largest

Section 5

Write these numbers in words:

132: one hundred and thirty-two

471: four hundred and seventy-one

211: two hundred and eleven

Section 7

Write 2 division facts using these numbers:

32 4 8

$$32 \div 4 = 8$$

$$32 \div 8 = 4$$

Section 4

Write the multiple of 4 that comes before these numbers:

24: 20

36: 32

48: 44

Section 6

There are 12 bottles of water in one pack. How many packs would there be if there were 48 bottles of water altogether? Write a number statement to show this.

$$48 \div 12 = 4$$

Section 8

Cathy is a quarter of her sister's age. Her sister is 16. How old is Cathy?

4 years old

Year 3 Maths Activity Mat

Section 1

Complete the calculations:

$$28 \div 7 = \boxed{}$$

$$21 \div 3 = \boxed{}$$

Section 2

Find $\frac{1}{4}$ of these numbers:

$$20 = \boxed{}$$

$$44 = \boxed{}$$

$$52 = \boxed{}$$

Section 4

Jack has read 47 pages of his new book. There are 162 more to read. How many pages are there in the book?

Section 3

Use the column written method to work out these calculations:

$$\begin{array}{r} 4 \quad 8 \quad 2 \\ + 1 \quad 4 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 6 \quad 9 \\ + 2 \quad 1 \quad 5 \\ \hline \end{array}$$

Section 5

Using only £1, 10p and 1p coins, use the least amount of coins to make 451p.

Section 6

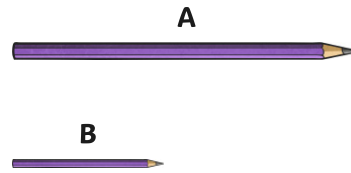
Chicken Bite Snacks cost 68p.

Popcorn costs 73p.

How much do they cost together?

Section 7

How much longer is pencil A than B?



Section 8

Order these fractions from smallest to largest:

$$\frac{3}{9} \quad \frac{1}{9} \quad \frac{7}{9} \quad \frac{4}{9} \quad \frac{8}{9}$$

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smallest

largest

Year 3 Maths Activity Mat: 6

Answers

Section 1

Complete the calculations:

$$28 \div 7 = \boxed{4}$$

$$21 \div 3 = \boxed{7}$$

Section 2

Find $\frac{1}{4}$ of these numbers:

$$20 = \boxed{5}$$

$$44 = \boxed{11}$$

$$52 = \boxed{13}$$

Section 4

Jack has read 47 pages of his new book. There are 162 more to read. How many pages are there in the book?

209

Section 3

Use the column written method to work out these calculations:

$$\begin{array}{r} 4 \quad 8 \quad 2 \\ + \quad 1 \quad 4 \quad 4 \\ \hline 6 \quad 2 \quad 6 \end{array}$$

$$\begin{array}{r} 3 \quad 6 \quad 9 \\ + \quad 2 \quad 1 \quad 5 \\ \hline 5 \quad 8 \quad 4 \end{array}$$

Section 5

Using only £1, 10p and 1p coins, use the least amount of coins to make 451p.

£1 × 4, 10p × 5, 1p

Section 6

Chicken Bite Snacks cost 68p.

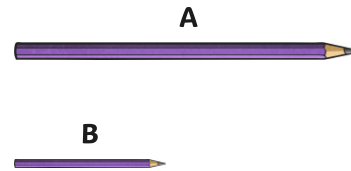
Popcorn costs 73p.

How much do they cost together?

£1.41

Section 7

How much longer is pencil **A** than **B**?



2.6cm

Section 8

Order these fractions from smallest to largest:

$$\frac{3}{9} \quad \frac{1}{9} \quad \frac{7}{9} \quad \frac{4}{9} \quad \frac{8}{9}$$

$\frac{1}{9}$	$\frac{3}{9}$	$\frac{4}{9}$	$\frac{7}{9}$	$\frac{8}{9}$
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smallest

largest