

Maths Activity Mat

Section 1

Start at 24 and count on in multiples of 4. What will be the fifth number you count?

Section 2

Calculate the following in your head:

$20 \times 5 =$

$56 \times 10 =$

$42 \times 2 =$

Section 3

Calculate:

$110 \div 2 =$

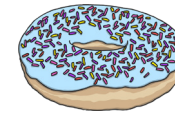
$85 \div 5 =$

$240 \div 4 =$

Section 4

Work this out mentally:

There are six 90g doughnuts in a box. The box weighs 60g. What is the total weight of the box and the doughnuts?



Section 5

Write these numbers as words:

505

.....

713

.....

303

.....

Section 6

Write the following as a number sentence and then find the answer:

Jas picks 48 apples. One in every four is rotten. How many apples are rotten?



Section 7

How many minutes are there in six and a half hours?

Section 8

Draw a 2D shape with one set of parallel lines and two lines perpendicular to one another.

Maths Activity Mat: 1

Answers

Section 1

Start at 24 and count on in multiples of 4. What will be the fifth number you count?

44

Section 2

Calculate the following in your head:

$20 \times 5 = 100$

$56 \times 10 = 560$

$42 \times 2 = 84$

Section 3

Calculate:

$110 \div 2 = 55$

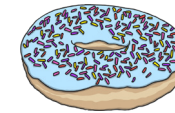
$85 \div 5 = 17$

$240 \div 4 = 60$

Section 4

Work this out mentally:

There are six 90g doughnuts in a box. The box weighs 60g. What is the total weight of the box and the doughnuts?



600g

Section 5

Write these numbers as words:

505

five hundred and five

713

seven hundred and thirteen

303

three hundred and three

Section 6

Write the following as a number sentence and then find the answer:

Jas picks 48 apples. One in every four is rotten. How many apples are rotten?



$48 \text{ divided by } 4 = 12$

Section 7

How many minutes are there in six and a half hours?

390 minutes

Section 8

Draw a 2D shape with one set of parallel lines and two lines perpendicular to one another.

Correctly drawn shape with parallel lines and a set of perpendicular lines

Maths Activity Mat

Section 1

What is the value of the bold number?

1203 =

7012 =

12 304 =

Section 3

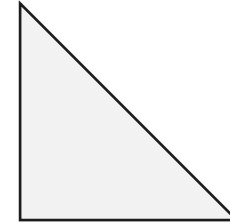
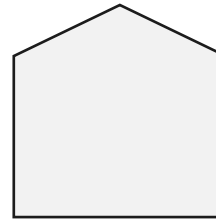
Complete this calculation.

$$\begin{array}{r} 25 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 4 \\ \hline \end{array}$$

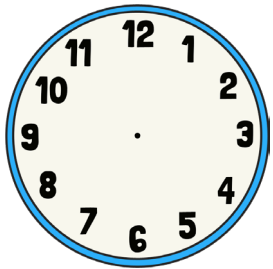
Section 5

Draw the right angles on these shapes:



Section 2

Draw the hands on the clock to show twenty past 4.



What time will it be in 35 minutes?

Section 4

Make sure all the rows, columns and diagonals add up to the same number.

5		
	12	3
		19

Section 6

What are the missing numbers?

+ 16 = 120

+ 25 = 135

- 200 = 345

- 22 = 64

Section 7

Work out the following fraction of amounts:

$\frac{2}{5}$ of 35 =

$\frac{2}{8}$ of 24 =

$\frac{2}{10}$ of 80 =

$\frac{1}{4}$ of 44 =

Section 8

Find the number that is:

Between 30 and 40.

It is half of 70.

It is odd.

Maths Activity Mat: 2

Answers

Section 1

What is the value of the bold number?

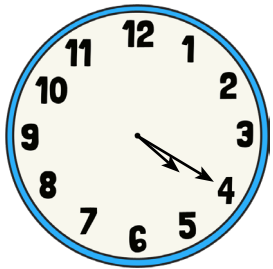
$1203 = \mathbf{2 \text{ hundreds}}$

$7012 = \mathbf{7 \text{ thousands}}$

$12\ 304 = \mathbf{4 \text{ ones}}$

Section 2

Draw the hands on the clock to show twenty past 4.



What time will it be in 35 minutes?

4:55pm or five to 5.

Section 3

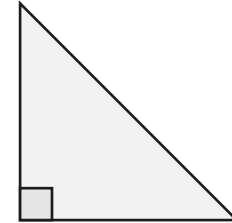
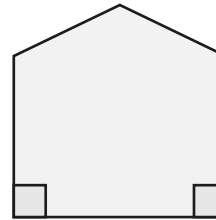
Complete this calculation.

$$\begin{array}{r} 25 \\ \times 3 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 16 \\ \times 4 \\ \hline 64 \end{array}$$

Section 5

Draw the right angles on these shapes:



Section 6

What are the missing numbers?

$\mathbf{104} + 16 = 120$

$\mathbf{110} + 25 = 135$

$\mathbf{545} - 200 = 345$

$\mathbf{86} - 22 = 64$

Section 4

Make sure all the rows, columns and diagonals add up to the same number.

5	17	14
21	12	3
10	7	19

Section 7

Work out the following fraction of amounts:

$\frac{2}{5} \text{ of } 35 = \mathbf{14}$

$\frac{2}{8} \text{ of } 24 = \mathbf{6}$

$\frac{2}{10} \text{ of } 80 = \mathbf{16}$

$\frac{1}{4} \text{ of } 44 = \mathbf{11}$

Section 8

Find the number that is:

Between 30 and 40.

It is half of 70.

It is odd.

35

Maths Activity Mat

Section 1

Which number is the odd one out and why?

80 60 32 40 20

.....
.....

Section 2

Put these amounts of money in order from smallest to largest.

£3.21 £2.31 £1.32 £2.13

--	--	--	--

smallest largest

Section 3

Fill in the missing numbers:

$12 \times \square = 48$

$36 \div \square = 9$

$\square \times 10 = 90$

$27 = 9 \times \square$

Section 4

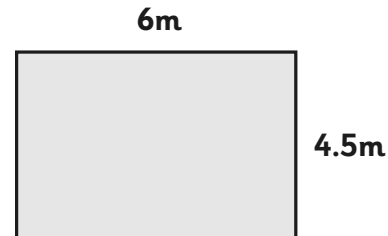
How much will it cost to buy six ice creams?



Ice Cream Cones
35p Each

Section 5

A rectangular dining room measures 4.5m and 6m. What is the perimeter of the room?



Section 6

Use Roman numerals to write the numbers:

$35 = \square$

$44 = \square$

Section 7

If there are five zebras and two ostriches in a zoo, how many legs are there altogether?



Section 8

Ben's cat eats two pouches of cat food each day. He buys a box holding 64 pouches. How many days will this last?

Maths Activity Mat: 3

Answers

Section 1

Which number is the odd one out and why?

80 60 32 40 20

Pupil's own response

e.g. 32 – not a multiple of 10

Section 2

Put these amounts of money in order from smallest to largest.

£3.21 £2.31 £1.32 £2.13

£1.32	£2.13	£2.31	£3.21
smallest			largest

Section 3

Fill in the missing numbers:

$12 \times 4 = 48$

$36 \div 4 = 9$

$9 \times 10 = 90$

$27 = 9 \times 3$

Section 4

How much will it cost to buy six ice creams?

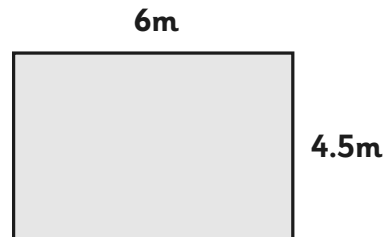


Ice Cream Cones
35p Each

£2.10

Section 5

A rectangular dining room measures 4.5m and 6m. What is the perimeter of the room?



21m

Section 6

Use Roman numerals to write the numbers:

$35 = \text{XXXV}$

$44 = \text{XLIV}$

Section 7

If there are five zebras and two ostriches in a zoo, how many legs are there altogether?



24

Section 8

Ben's cat eats two pouches of cat food each day. He buys a box holding 64 pouches. How many days will this last?

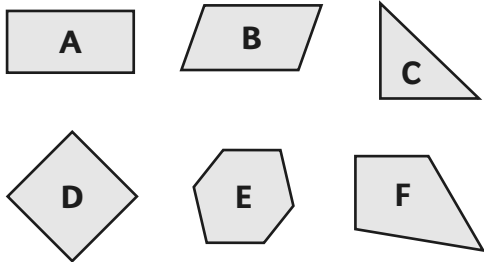
32 days

Section 1

Look at the shapes. Which shapes have:

Four sides and at least one right angle

Two pairs of perpendicular sides

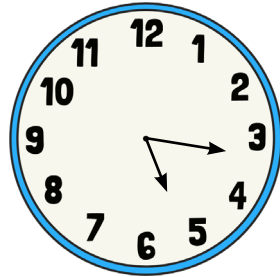


Section 2

Jay is allowed to watch 60 minutes of television a day. His favourite programme is a third of this time. How many minutes does he have left?

Section 3

Write the time in words:



.....

.....

Section 5

Complete the calculation.

4	9	6	

Section 6

This table shows the balls Kai potted on a pool table.

Colour	Number
Black	2
Blue	11
Green	9
Red	8
Yellow	4

How many more green balls did he pot than yellow balls?

How many balls did he pot altogether?

Section 4

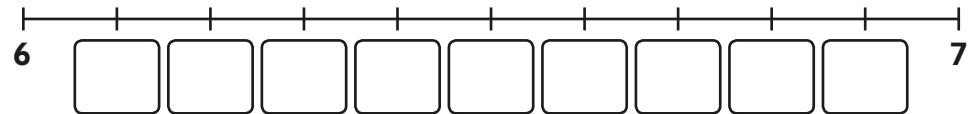
How many boxes are needed if these apples can only be stored in groups of 9?



72 apples

Section 7

Put the missing tenths on the number line.



Section 8

75m + 90m = 23l + 27l = 94kg + 20kg =

Maths Activity Mat: 4

Answers

Section 1

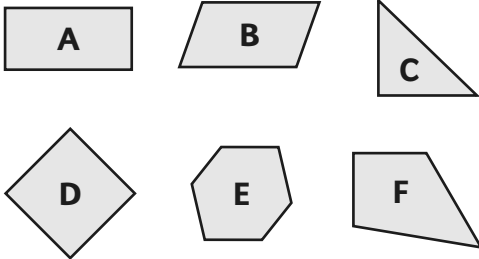
Look at the shapes. Which shapes have:

Four sides and at least one right angle

F, A

Two pairs of perpendicular sides

D, E



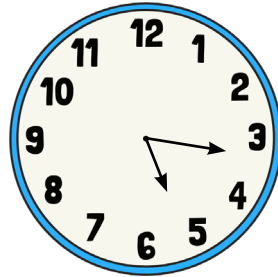
Section 2

Jay is allowed to watch 60 minutes of television a day. His favourite programme is a third of this time. How many minutes does he have left?

40 minutes

Section 3

Write the time in words:



Seventeen minutes

past five.

Section 4

How many boxes are needed if these apples can only be stored in groups of 9?



72 apples

8 boxes

Section 5

Complete the calculation.

	2	4	
4	9	6	

Section 6

This table shows the balls Kai potted on a pool table.

Colour	Number
Black	2
Blue	11
Green	9
Red	8
Yellow	4

How many more green balls did he pot than yellow balls?

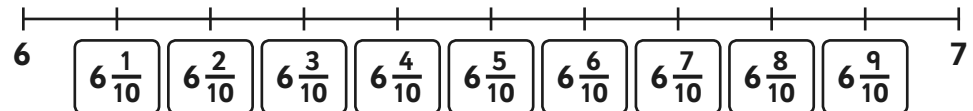
5

How many balls did he pot altogether?

34

Section 7

Put the missing tenths on the number line.



Section 8

$75\text{m} + 90\text{m} = 165\text{m}$

$23\text{l} + 27\text{l} = 50\text{l}$

$94\text{kg} + 20\text{kg} = 114\text{kg}$

Maths Activity Mat

Section 1

Write two calculations using all these numbers:

18 3 6

Section 2


Partition these numbers into hundreds, tens and ones:

$399 = \text{[]}$

$731 = \text{[]}$

$101 = \text{[]}$

Section 3

I think of a number. 

I halve it.

I subtract 13.

The answer is 2.

What was my number?

Section 4

The film starts at 2.40pm. It will take 45 minutes to get to the cinema. What time do I need to leave to get there on time?



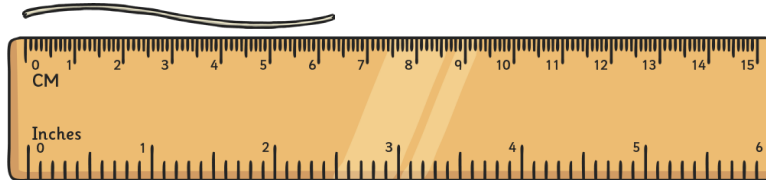
Section 5

Carrie is pairing her socks. She has 45 socks. How many pairs will she have?



Section 6

In cm and mm how long is the string?

 mm cm

Section 7

Calculate the answer:

$\frac{1}{10} + \frac{\text{[]}}{10} = \frac{9}{10}$

$\frac{7}{8} - \frac{\text{[]}}{8} = \frac{4}{8}$

$\frac{5}{12} + \frac{\text{[]}}{12} = \frac{7}{12}$

Section 8

Use the written column method to work out:

$64 \times 5 = \text{[]}$

$98 \times 4 = \text{[]}$

$36 \times 3 = \text{[]}$

Maths Activity Mat: 5

Answers

Section 1

Write two calculations using all these numbers:

18 3 6

Any two of the following:

$$18 \div 3 = 6$$

$$18 \div 6 = 3$$

$$6 \times 3 = 18$$

$$3 \times 6 = 18$$

Section 2

Partition these numbers into hundreds, tens and ones:

$$399 = 300 + 90 + 9$$

$$731 = 700 + 30 + 1$$

$$101 = 100 + 0 + 1$$

Section 3

I think of a number.

I halve it.

I subtract 13.

The answer is 2.

What was my number?

30

Section 4

The film starts at 2.40pm. It will take 45 minutes to get to the cinema. What time do I need to leave to get there on time?



1:55pm

Section 5

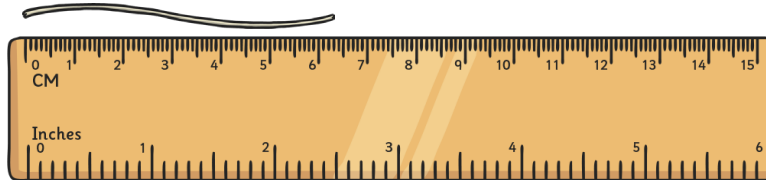
Carrie is pairing her socks. She has 45 socks. How many pairs will she have?



22 pairs (one odd sock)

Section 6

In **cm** and **mm** how long is the string?



63 mm

6.3 cm

Section 7

Calculate the answer:

$$\frac{1}{10} + \frac{8}{10} = \frac{9}{10}$$

$$\frac{7}{8} - \frac{3}{8} = \frac{4}{8}$$

$$\frac{5}{12} + \frac{2}{12} = \frac{7}{12}$$

Section 8

Use the written column method to work out:

$$64 \times 5 = 320$$

$$98 \times 4 = 392$$

$$36 \times 3 = 108$$

Maths Activity Mat

6

Section 1

Dan has read half of his book. It has 108 pages. How many pages has he read?



Section 2

Use column addition to work out:

$$261 + 135 = \boxed{}$$

$$323 + 217 = \boxed{}$$

$$143 + 165 = \boxed{}$$

Section 3

Draw a 4-sided shape with just 2 right angles.

Section 4

Find:

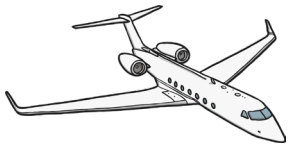
$$\frac{1}{8} \text{ of } 16\text{m} = \boxed{}$$

$$\frac{1}{8} \text{ of } \text{£}12 = \boxed{}$$

$$\frac{1}{4} \text{ of } 60\text{m} = \boxed{}$$

Section 5

Lucy is going to Majorca on holiday. The flight takes 2 hours and 50 minutes. She landed at 5pm. What time did the flight take off?



Section 6

Find the length of the line. You will need a ruler to help you.



Section 7

How many 20ps are in £2?



How many 2ps are in £2?



Section 8

How many minutes are in:

$$2 \frac{1}{4} \text{ hours} = \boxed{}$$

$$1 \frac{3}{4} \text{ hours} = \boxed{}$$

$$1 \frac{1}{2} \text{ hours} = \boxed{}$$

Maths Activity Mat: 6

Answers

Section 1

Dan has read half of his book. It has 108 pages. How many pages has he read?



54

Section 2

Use column addition to work out:

$$261 + 135 = 396$$

$$323 + 217 = 540$$

$$143 + 165 = 308$$

Section 3

Draw a 4-sided shape with just 2 right angles.

Correctly drawn shape with the criteria given.

Section 4

Find:

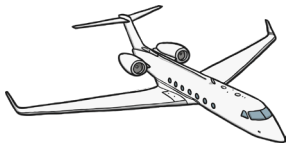
$$\frac{1}{8} \text{ of } 16\text{m} = 2\text{m}$$

$$\frac{1}{8} \text{ of } \pounds 12 = \pounds 1.50$$

$$\frac{1}{4} \text{ of } 60\text{m} = 15\text{m}$$

Section 5

Lucy is going to Majorca on holiday. The flight takes 2 hours and 50 minutes. She landed at 5pm. What time did the flight take off?



2:10pm/14:10

Section 6

Find the length of the line. You will need a ruler to help you.



3.5cm/35mm

Section 7

How many 20ps are in £2?



10

How many 2ps are in £2?



100

Section 8

How many minutes are in:

$$2\frac{1}{4} \text{ hours} = 135 \text{ minutes}$$

$$1\frac{3}{4} \text{ hours} = 105 \text{ minutes}$$

$$1\frac{1}{2} \text{ hours} = 90 \text{ minutes}$$