

Year 4 Maths Activity Mat 3 Spring 2

3

Write the measurements shown by each arrow in grams.



a

A pile of eight identical books are 24cm tall. How wide is each book in mm?

d

Using the formulae $P = 2(a+b)$, work out the perimeter of this shape. Show your workings.

g



Use the distributive law to find the product for this multiplication calculation.

$$71 \times 2$$

$$\square \times \square + \square \times \square$$

$$\square + \square = \square$$

b

Start at $\frac{5}{10}$

Count on 3 tenths.

What fraction have you reached?

e

A baker bakes 60 buns.

18 are sold in the morning and 32 are sold in the afternoon. How many buns are left?

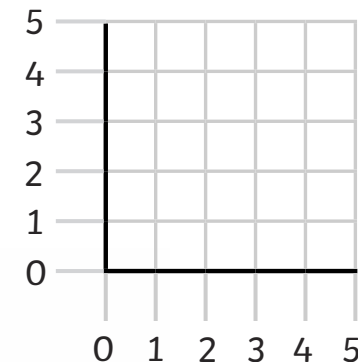
f

Plot and join these points to identify the shape:

(4,1)(4,3)(1,3)(1,1)

The shape is a _____

h



Put a cross through the number that is not a multiple of six.

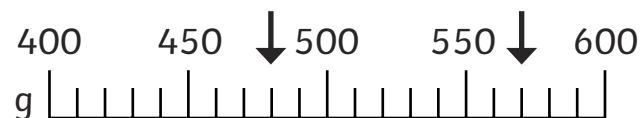
36, 30, 25, 18, 24, 42

c

Year 4 Maths Activity Mat 3 Spring 2 Answers

3

a Write the measurements shown by each arrow in grams.



480g, 570g

b Use the distributive law to find the product for this multiplication calculation.

$$71 \times 2$$

$$\boxed{70} \times \boxed{2} + \boxed{1} \times \boxed{2}$$

$$\boxed{140} + \boxed{2} = \boxed{142}$$

c Put a cross through the number that is not a multiple of six.

36, 30, ~~25~~, 18, 24, 42

d A pile of eight identical books are 24cm tall. How wide is each book in mm?

30mm

e Start at $\frac{5}{10}$

Count on 3 tenths.

What fraction have you reached?

$\frac{8}{10}$

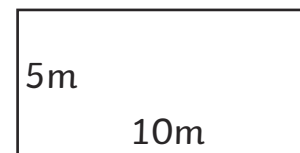
f A baker bakes 60 buns.

18 are sold in the morning and 32 are sold in the afternoon. How many buns are left?

10

g Using the formulae $P = 2(a+b)$, work out the perimeter of this shape. Show your workings.

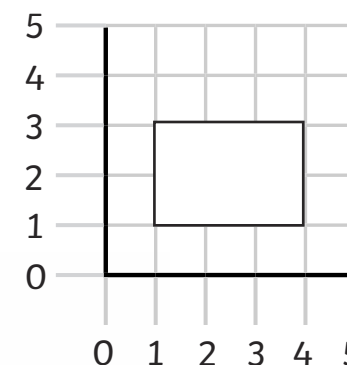
$$2 \times (10 + 5) = 30m$$



h Plot and join these points to identify the shape:

(4,1)(4,3)(1,3)(1,1)

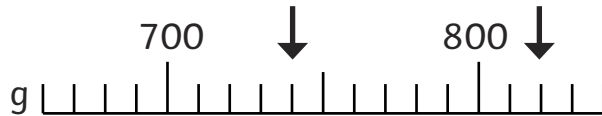
The shape is a **rectangle**



Year 4 Maths Activity Mat 3 Spring 2

3

a Write the measurements shown by each arrow in grams.



b Use the distributive law to find the product for this multiplication calculation.

$$54 \times 4$$

$$\square \times \square + \square \times \square$$

$$\square + \square = \square$$

c Put a cross through the number that is not a multiple of nine.

36, 24, 72, 18, 108, 81, 45, 63,

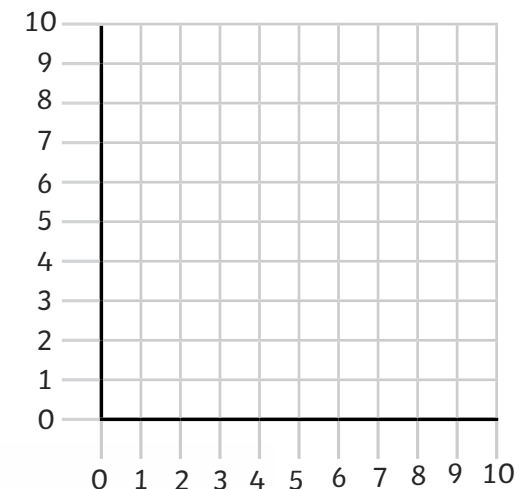
d Each piece of toy train track is 30cm long. How long would 12 pieces be altogether in centimetres?

e Start at $\frac{48}{100}$
Count on 7 hundredths.
What fraction have you reached?

f For lunch, Frankie can choose from:
five choices of sandwich
four choices of drink
three choices of fruit.
How many different lunches could he have?

g If the length of one side of a rectangle is 8cm and the perimeter is 28cm, what is the width and area of the rectangle?

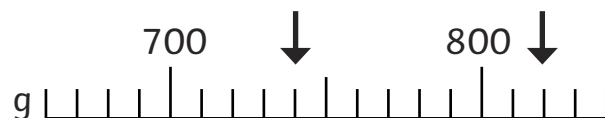
h Plot and join these points to identify the shape:
(1,5)(2,2)(4,2)(5,5)(4,7)(2,7)(1,5)
The shape is a _____



Year 4 Maths Activity Mat 3 Spring 2 Answers

3

a Write the measurements shown by each arrow in grams.



740g, 820g

b Use the distributive law to find the product for this multiplication calculation.

$$54 \times 4$$

$$\boxed{50} \times \boxed{4} + \boxed{4} \times \boxed{4}$$

$$\boxed{200} + \boxed{16} = \boxed{216}$$

c Put a cross through the number that is not a multiple of nine.

36, ~~24~~, 72, 18, 108, 81, 45, 63,

d Each piece of toy train track is 30cm long. How long would 12 pieces be altogether in centimetres?

360cm

e Start at $\frac{48}{100}$
Count on 7 hundredths.
What fraction have you reached?

$$\frac{55}{100}$$

f For lunch, Frankie can choose from:
five choices of sandwich
four choices of drink
three choices of fruit.

How many different lunches could he have?

60

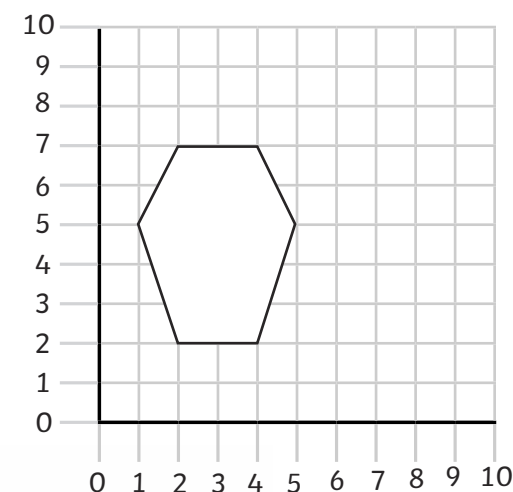
g If the length of one side of a rectangle is 8cm and the perimeter is 28cm, what is the width and area of the rectangle?

width 6cm, area 48cm²

h Plot and join these points to identify the shape:

(1,5)(2,2)(4,2)(5,5)(4,7)(2,7)(1,5)

The shape is a **hexagon**.



Year 4 Maths Activity Mat 3 Spring 2

3

a
Write the measurements shown by each arrow in kilograms and grams.



b
Use the distributive law to find the product for this multiplication calculation.

$$48 \times 9$$

$$\square \times \square + \square \times \square$$

$$\square + \square = \square$$

c
Put a cross through the number that is not a multiple of 12.

84, 36, 72, 24, 144, 12, 132, 48, 97,

d
A row of 20 carpet tiles is nine metres long. How wide is one tile in centimetres?

e
Start at $\frac{93}{100}$
Count back 7 tenths.
What fraction have you reached?

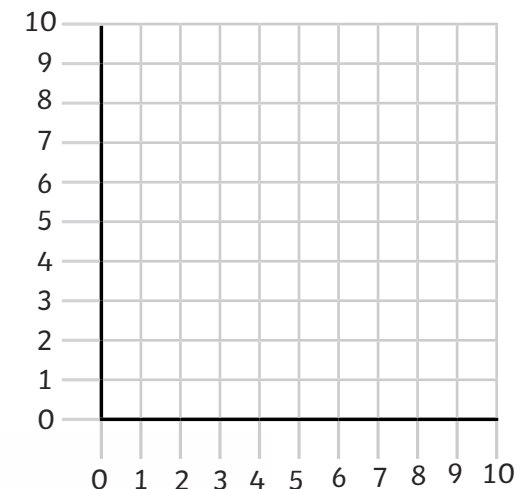
f
Jasbir has two suits, five shirts and 12 ties. How many times could he dress differently before needing to wear the same combination of suit, shirt and tie?

g
If the perimeter of a rectangle is 50cm and the area is 24cm^2 , what is the width and length of the sides?

h
Plot and join these points to identify the shape:

(8,3)(7,5)(5,5)(5,7)(4,9)(5,10)(8,10)

The shape is a _____



Year 4 Maths Activity Mat 3 Spring 2 Answers

3

Write the measurements shown by each arrow in kilograms and grams.



7600g 7.6kg
8800g 8.8kg

Use the distributive law to find the product for this multiplication calculation.

$$48 \times 9$$

$$\boxed{40} \times \boxed{9} + \boxed{8} \times \boxed{9}$$

$$\boxed{360} + \boxed{72} = \boxed{432}$$

Put a cross through the number that is not a multiple of 12.

84, 36, 72, 24, 144, 12, 132, 48, ~~97~~,

A row of 20 carpet tiles is nine metres long. How wide is one tile in centimetres?

45cm

Start at $\frac{93}{100}$
Count back 7 tenths.

What fraction have you reached?

$$\frac{23}{100}$$

Jasbir has two suits, five shirts and 12 ties. How many times could he dress differently before needing to wear the same combination of suit, shirt and tie?

120

If the perimeter of a rectangle is 50cm and the area is 24cm^2 , what is the width and length of the sides?

length 24cm, width 1cm

Plot and join these points to identify the shape:

(8,3)(7,5)(5,5)(5,7)(4,9)(5,10)(8,10)

The shape is a **heptagon**.

