Day 1 Maths- 5 a day

1. Using place value discs, show the number 678

Hundreds	Tens	Ones

2. Which cafe has more grapes.

Cafe A

Cafe B

3. What is the next even number after 777 _____

4. Write the number 882 in words.

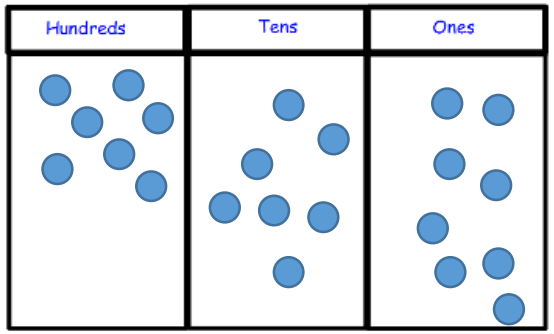
_____

_____

5. Which number is greater, 257 or 275? _____

Day 1 ANSWERS Maths- 5 a day

1. Using place value discs, show the number 678



2. Which cafe has more grapes.

Cafe A

Cafe B

Café A

3. What is the next even number after 777 778

4. Write the number 882 in words.

Eight hundred and eighty two.

5. Which number is greater, 257 or 275? 275

Day 2

Maths- 5 a day

1. Circle all of the odd numbers.

   145 321 656 778 919 222

2. Estimate the number the arrow is pointing to

   150 ⇩ 350

3. Write the number 282 in words.

_____

_____

4. Draw dienes to represent 697.

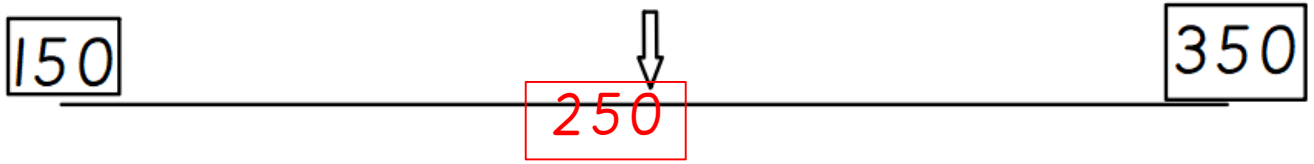
5. What is the next odd number after 899?

Day 2 ANSWERS Maths- 5 a day

1. Circle all of the odd numbers.

145 321 656 778 919 222

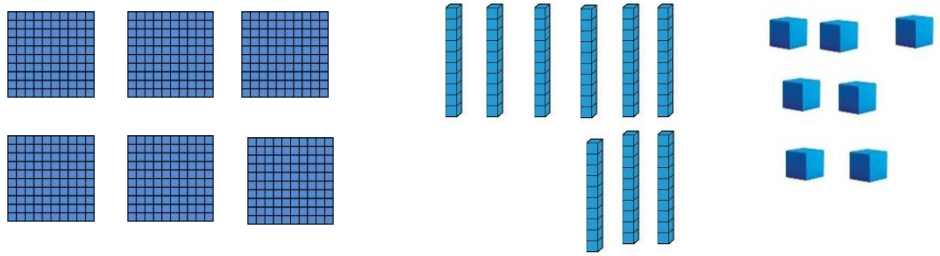
2. Estimate the number the arrow is pointing to



3. Write the number 282 in words.

Two hundred and eighty two.

4. Draw dienes to represent 697.



5. What is the next odd number after 899? 901

Day 3

Maths- 5 a day

1. Circle all of the even numbers.

   569 712 265 896 315 464 752

2. Estimate the number the arrow is pointing to

   80 ⇩ 100

3. Write the number 828 in words.

_____

_____

4. Draw dienes to represent 609.

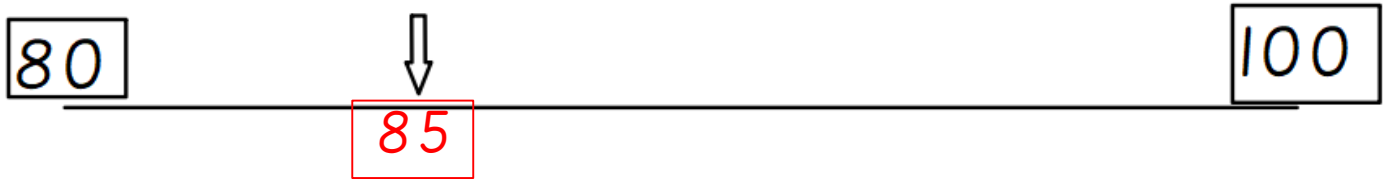
5. What is the next even number after 798? _____

Day 3 ANSWERS Maths- 5 a day

1. Circle all of the even numbers.

569 712 265 896 315 464 752

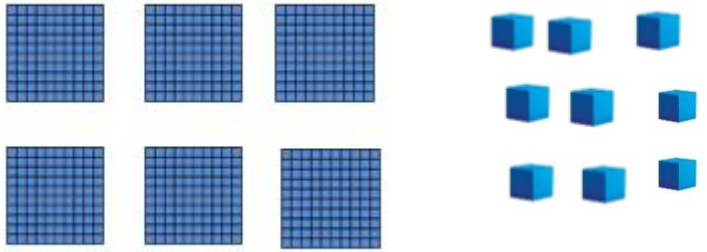
2. Estimate the number the arrow is pointing to



3. Write the number 828 in words.

Eight hundred and twenty eight.

4. Draw dienes to represent 609.



5. What is the next even number after 798? 800

Day 4 Maths- 5 a day

1. Match the symbol to its definiton

>	Less than
<	More than

2. Draw dienes to represent 872

3. What is the next odd number after 726?

.....

4. Write the number 654 in words

.....

5. I have five sides. What shape am I?

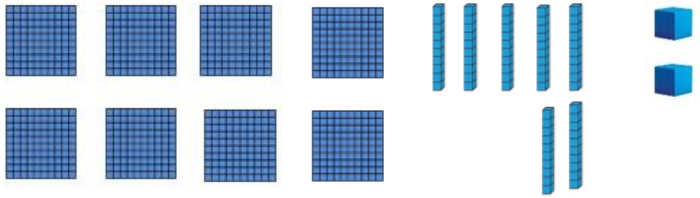
.....

Day 4 ANSWERS Maths- 5 a day

1. Match the symbol to its definiton

>	Less than
<	More than

2. Draw dienes to represent 872



3. What is the next odd number after 726? 728

.....

4. Write the number 654 in words

Six hundred and fifty four.

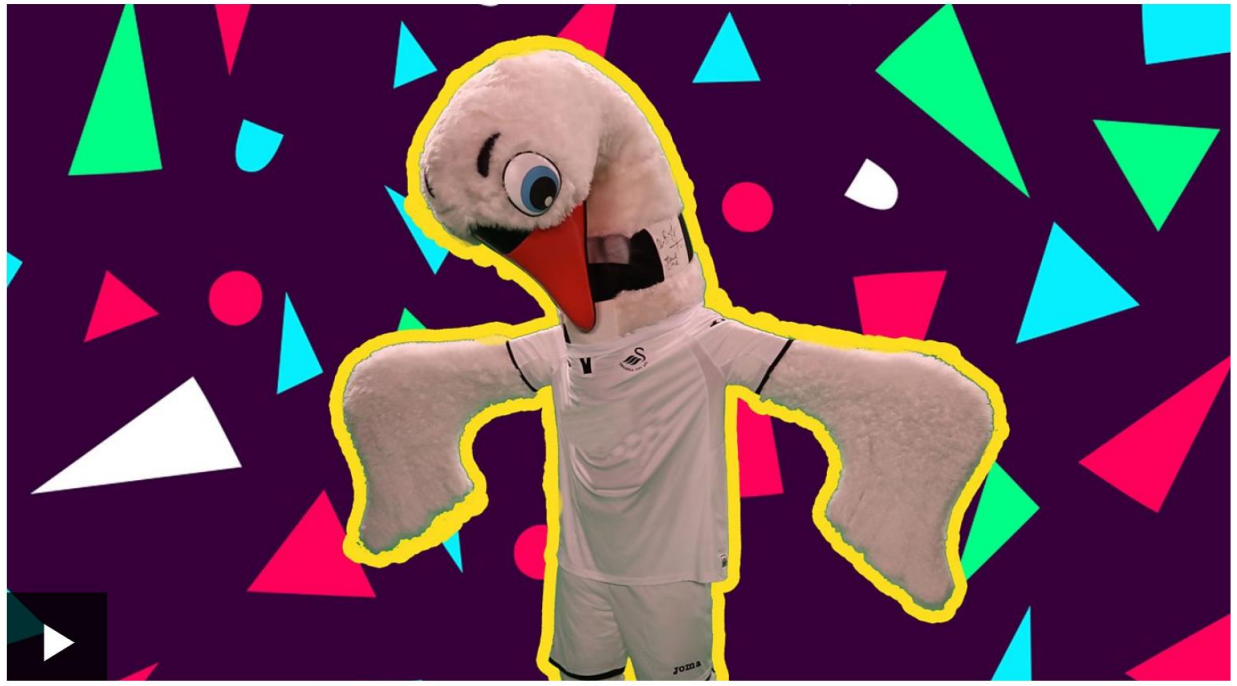
5. I have five sides. What shape am I?

Pentagon.

Day 5

Maths- 5 a day

Watch this Supermovers video to practise the 4 times table.
Click on the picture below or use the link.



https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-4-times-table-with-cyril-the-swan/zmsw382

Y3 Equivalent Fractions

Lesson 1

Watch this video about equivalent fractions: https://vimeo.com/425556607

Now, try these questions:

Equivalent fractions (1)

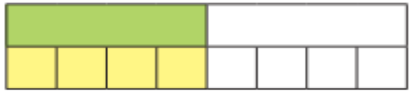
1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

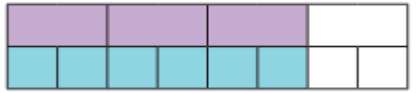
b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

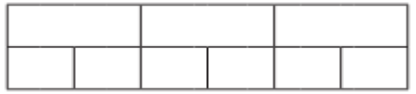
2 Complete the equivalent fractions.

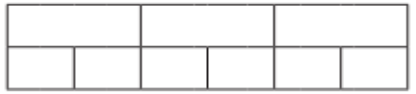
a)  $\frac{1}{2} = \frac{\square}{8}$

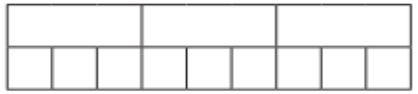
b)  $\frac{1}{4} = \frac{2}{\square}$

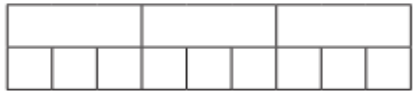
c)  $\frac{3}{4} = \frac{6}{\square}$

3 Shade the bar models to represent the equivalent fractions.

a)  $\frac{1}{3} = \frac{2}{6}$

b)  $\frac{2}{3} = \frac{4}{6}$

c)  $\frac{1}{3} = \frac{3}{9}$

d)  $\frac{2}{3} = \frac{6}{9}$

Can you find any more equivalent fractions using the bar models?

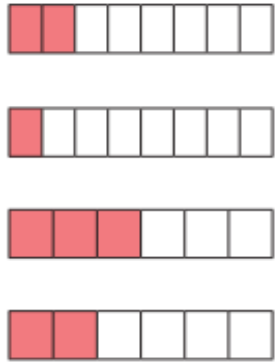
4 Match each bar model to its equivalent fraction.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{8}$



5 Shade the bar models to complete the equivalent fractions.

a) 

$\frac{1}{2} = \frac{\square}{12}$

b) 

$\frac{1}{3} = \frac{\square}{12}$

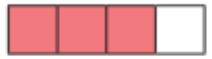
c) 

$\frac{1}{6} = \frac{\square}{12}$

6 The bar models represent fractions.

A

C



B

D

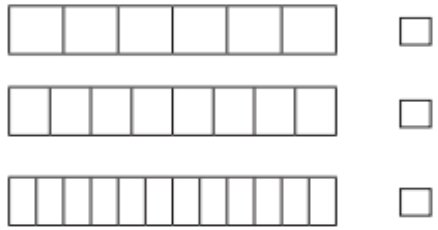
Which is the odd one out? _____

Why do you think this?

7 This bar model represents $\frac{3}{4}$

Tick the bar models that can be used to show a fraction that is equivalent to $\frac{3}{4}$

Shade the bar models to support your answers.



Talk to a partner about your answers.

Lesson 2

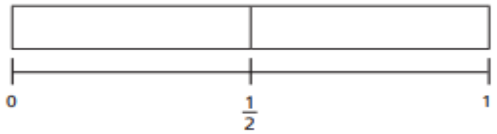
Watch this video: https://vimeo.com/425556750

Now, try these questions:

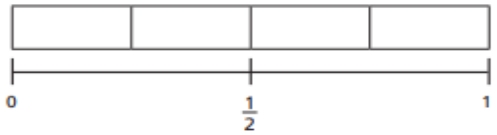
Equivalent fractions (2)

1 Shade the bar models to represent the fractions.

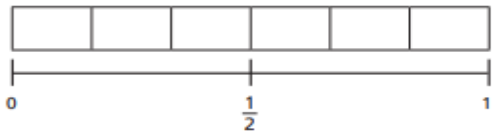
a) Shade $\frac{1}{2}$ of the bar model.



b) Shade $\frac{2}{4}$ of the bar model.



c) Shade $\frac{3}{6}$ of the bar model.

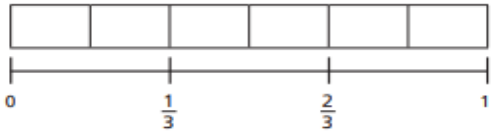


d) What do you notice?

e) Write another fraction that is equivalent to $\frac{1}{2}$

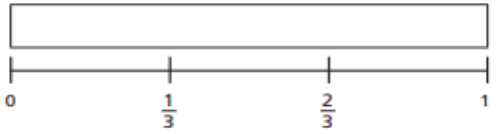
2 Shade $\frac{2}{3}$ of each bar model.

a)



b)

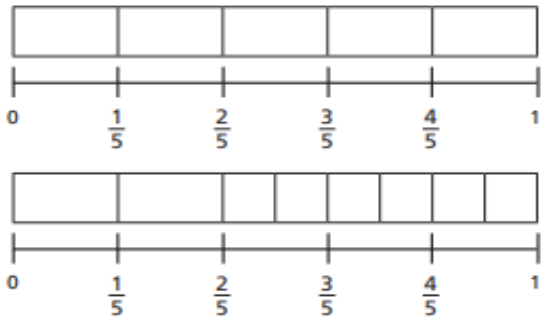
c)

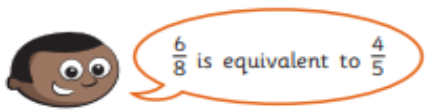


d) Use your answers to parts a), b) and c) to complete the equivalent fractions.

$$\frac{2}{3} = \frac{\square}{6} = \frac{8}{\square} = \frac{\square}{15}$$

3 Mo is finding equivalent fractions.



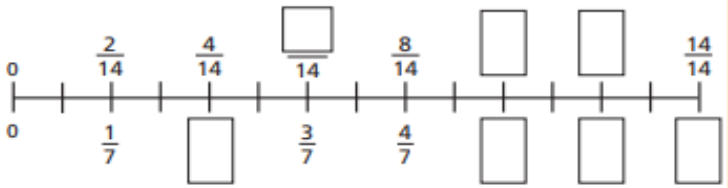


Do you agree with Mo? _____

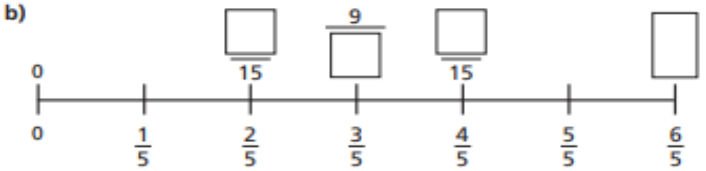
Explain your answer.

4 Find the missing numbers.

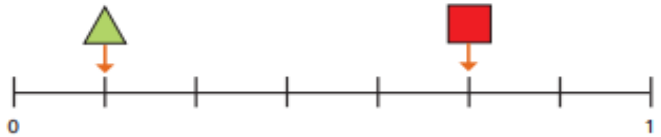
a)



b)



5 Here is a number line.

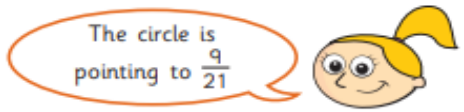


a) What fraction is each shape pointing to?

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.

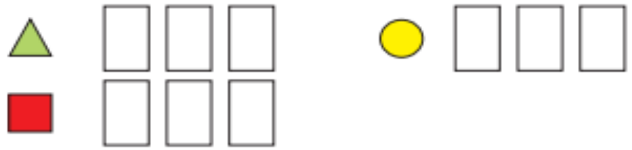
c)



Do you agree with Eva? _____

Show how you worked this out.

d) Write three equivalent fractions for each shape.



Compare answers with a partner.

Lesson 3

Watch this video: https://vimeo.com/425556923

Now try these questions:

Equivalent fractions (3)

1 Shade the shapes to help you complete the equivalent fractions.

a)  $\frac{1}{3} = \frac{\square}{\square}$

b)  $\frac{1}{2} = \frac{\square}{\square}$

c)  $\frac{3}{4} = \frac{\square}{\square}$

d)  $\frac{3}{4} = \frac{\square}{\square}$

2 Use the fraction wall to complete the equivalent fractions.

$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$		
$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$

a) $\frac{1}{3} = \frac{\square}{6}$

b) $\frac{1}{3} = \frac{\square}{9}$

c) $\frac{2}{3} = \frac{4}{\square}$

d) $\frac{2}{3} = \frac{6}{\square}$

e) $\frac{4}{6} = \frac{6}{\square}$

f) $\frac{1}{3} = \frac{\square}{6} = \frac{\square}{9}$

3 Draw a picture to show that one quarter is equivalent to two eighths.

4 Use the fraction wall to decide whether the fractions are equivalent or not.

$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{4}$		$\frac{1}{4}$			$\frac{1}{4}$		$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$

Complete the sentences using **is** or **is not**.

a) $\frac{1}{2}$ _____ equivalent to $\frac{2}{4}$

b) $\frac{1}{4}$ _____ equivalent to $\frac{2}{10}$

c) $\frac{1}{2}$ _____ equivalent to $\frac{5}{10}$

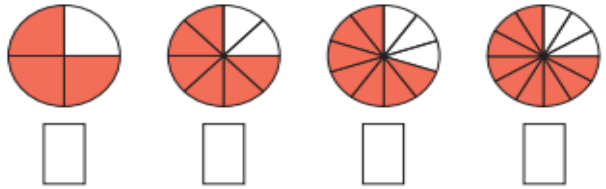
d) $\frac{3}{10}$ _____ equivalent to $\frac{2}{5}$

e) $\frac{4}{5}$ _____ equivalent to $\frac{8}{10}$

f) $\frac{3}{4}$ _____ equivalent to $\frac{4}{5}$

Write some sentences of your own and ask a partner to fill in the gaps.

5 **a)** What fraction of each shape is shaded?



b) Use the fractions in part a) to complete the sentences.

☐ is equivalent to ☐

☐ is equivalent to ☐

☐ is not equivalent to ☐

☐ is not equivalent to ☐

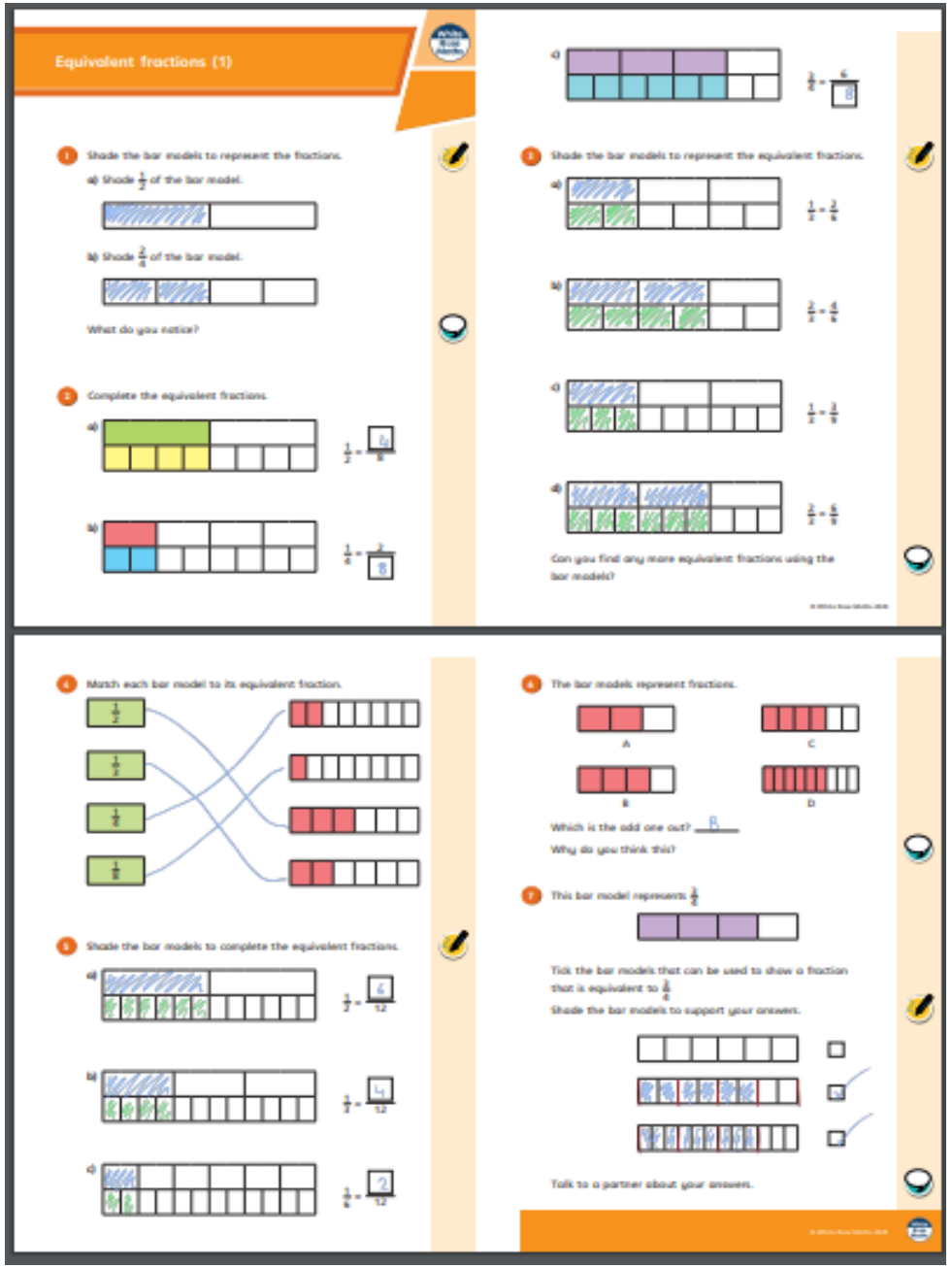
Compare answers with a partner.

6 The bar model represents $\frac{1}{2}$

Write as many equivalent fractions as you can.

What is the same about all the fractions you have written?

ANSWERS Lesson 1



Equivalent fractions (1)

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

2 Complete the equivalent fractions.

a) $\frac{1}{2} = \frac{4}{8}$

b) $\frac{1}{4} = \frac{2}{8}$

c) $\frac{3}{4} = \frac{6}{8}$

3 Shade the bar models to represent the equivalent fractions.

a) $\frac{1}{2} = \frac{2}{4}$

b) $\frac{2}{3} = \frac{4}{6}$

c) $\frac{1}{2} = \frac{3}{6}$

d) $\frac{2}{3} = \frac{6}{9}$

Can you find any more equivalent fractions using the bar models?

4 Match each bar model to its equivalent fraction.

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$

5 Shade the bar models to complete the equivalent fractions.

a) $\frac{1}{2} = \frac{6}{12}$

b) $\frac{1}{3} = \frac{4}{12}$

c) $\frac{1}{6} = \frac{2}{12}$

6 The bar models represent fractions.

A C B D

Which is the odd one out? B

Why do you think this?

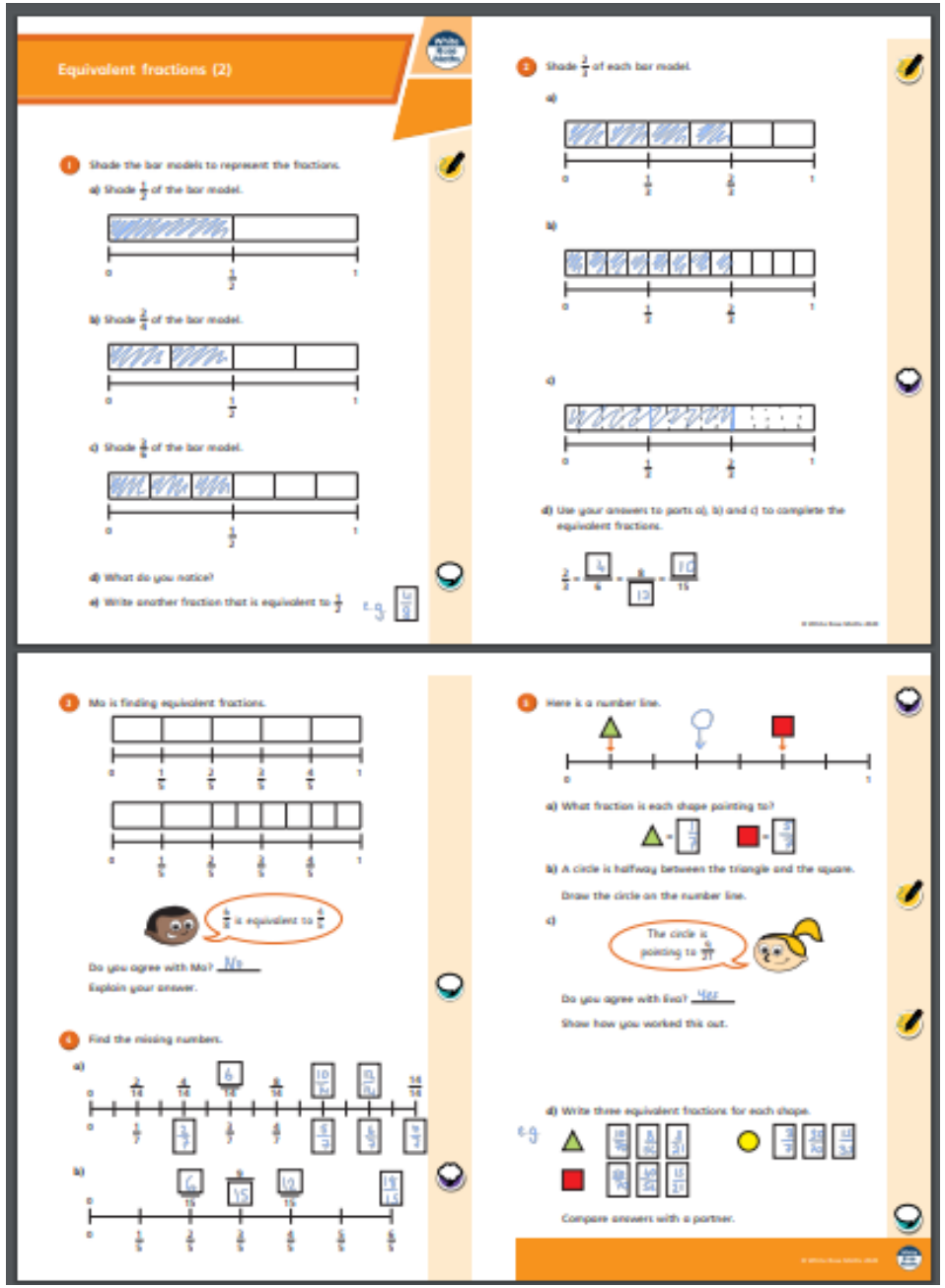
7 This bar model represents $\frac{3}{4}$

Tick the bar models that can be used to show a fraction that is equivalent to $\frac{3}{4}$

Shade the bar models to support your answers.

Talk to a partner about your answers.

ANSWERS Lesson 2



Equivalent fractions (2)

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

c) Shade $\frac{3}{6}$ of the bar model.

d) What do you notice?

e) Write another fraction that is equivalent to $\frac{1}{2}$ e.g. $\frac{4}{8}$

2 Shade $\frac{2}{3}$ of each bar model.

a)

b)

c)

d) Use your answers to parts a), b) and c) to complete the equivalent fractions.

$\frac{2}{3} = \frac{4}{6} = \frac{8}{12} = \frac{10}{15}$

3 Mo is finding equivalent fractions.

Mo: $\frac{2}{3}$ is equivalent to $\frac{4}{5}$

Do you agree with Mo? No

Explain your answer.

4 Find the missing numbers.

a)

b)

5 Here is a number line.

a) What fraction is each shape pointing to?

$\triangle = \frac{1}{3}$ $\square = \frac{3}{4}$

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.

c)

Eva: The circle is pointing to $\frac{6}{17}$

Do you agree with Eva? Yes

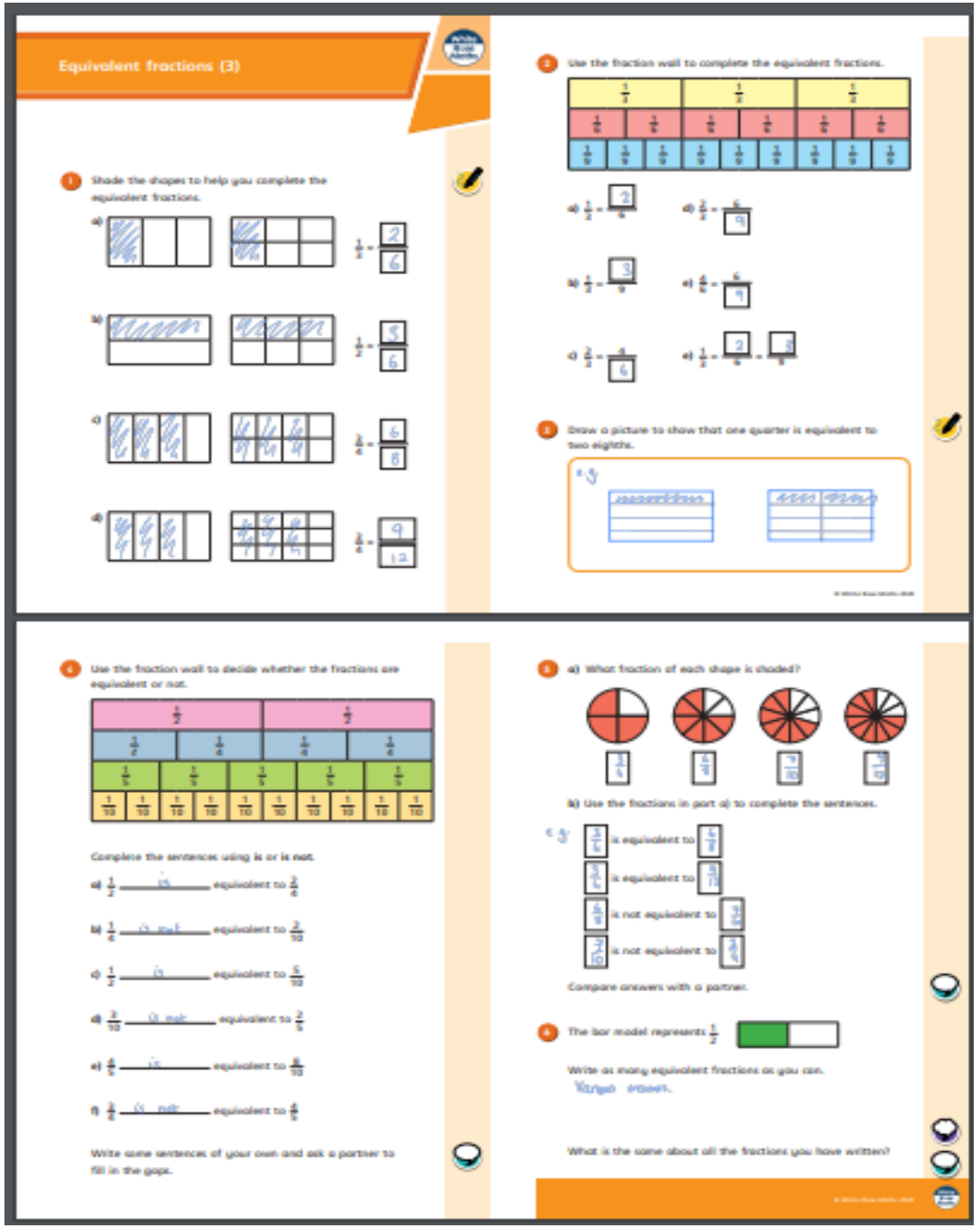
Show how you worked this out.

d) Write three equivalent fractions for each shape.

e.g.

Compare answers with a partner.

ANSWERS Lesson 3



Equivalent fractions (3)

1 Shade the shapes to help you complete the equivalent fractions.

a) $\frac{1}{2} = \frac{2}{6}$

b) $\frac{1}{2} = \frac{3}{6}$

c) $\frac{3}{4} = \frac{6}{8}$

d) $\frac{3}{4} = \frac{9}{12}$

2 Use the fraction wall to complete the equivalent fractions.

a) $\frac{1}{2} = \frac{2}{4}$ d) $\frac{2}{3} = \frac{6}{9}$

b) $\frac{1}{2} = \frac{3}{6}$ e) $\frac{4}{6} = \frac{6}{9}$

c) $\frac{2}{3} = \frac{4}{6}$ f) $\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$

3 Draw a picture to show that one quarter is equivalent to two eighths.

4 Use the fraction wall to decide whether the fractions are equivalent or not.

Complete the sentences using is or is not.

a) $\frac{1}{2}$ is equivalent to $\frac{3}{4}$

b) $\frac{1}{4}$ is not equivalent to $\frac{2}{10}$

c) $\frac{1}{2}$ is equivalent to $\frac{5}{10}$

d) $\frac{2}{10}$ is not equivalent to $\frac{2}{5}$

e) $\frac{4}{6}$ is equivalent to $\frac{8}{12}$

f) $\frac{1}{2}$ is not equivalent to $\frac{4}{6}$

Write some sentences of your own and ask a partner to fill in the gaps.

5 a) What fraction of each shape is shaded?

$\frac{1}{4}$ $\frac{3}{8}$ $\frac{3}{12}$ $\frac{1}{8}$

b) Use the fractions in part a) to complete the sentences.

$\frac{1}{4}$ is equivalent to $\frac{2}{8}$

$\frac{3}{12}$ is equivalent to $\frac{2}{8}$

$\frac{3}{8}$ is not equivalent to $\frac{1}{4}$

$\frac{2}{10}$ is not equivalent to $\frac{1}{4}$

Compare answers with a partner.

6 The bar model represents $\frac{1}{2}$

Write as many equivalent fractions as you can.

What is the same about all the fractions you have written?