Canonbury Home Learning

Year 3 Maths
Steppingstone activity

Lesson 35 LO: To find ¾ of an amount

CANONBURY
PRIMARY SCHOOL
Create, discover and succeed together

1. Divide the amount into 4 equal groups.
2. To find three quarters, count how many altogether in 3 of the groups.

Now you try: answers

Use toys or objects to divide into 4 equal groups to help you fill in the blanks:

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

$\frac{3}{4}$ of 4 = 3

$\frac{1}{4}$ of 8 = 2

$\frac{3}{4}$ of 8 = 6

Steppingstone activity answers

Find three quarters

White Rose Maths

1 Tick the representations that show $\frac{3}{4}$

☐   ✓

✓   ☐
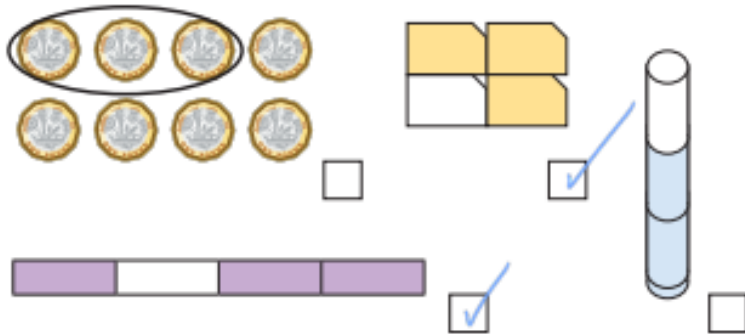
2 Colour $\frac{3}{4}$ of each shape.
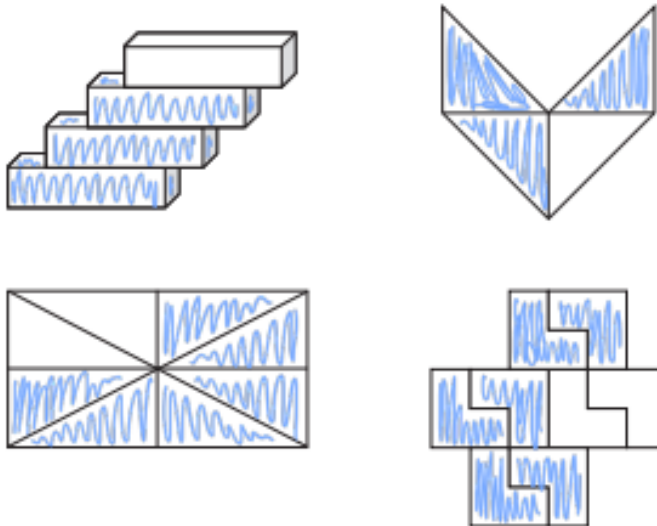
3 Rosie is sharing out 16 strawberries.

She shares them into 4 equal groups.

a) What is $\frac{1}{4}$ of the strawberries?

$\frac{1}{4}$ of 16 = 4

b) What is $\frac{2}{4}$ of the strawberries?

$\frac{2}{4}$ of 16 = 8

c) What is $\frac{3}{4}$ of the strawberries?

$\frac{3}{4}$ of 16 = 12

d) What is $\frac{4}{4}$ of the strawberries?

$\frac{4}{4}$ of 16 = 16

4 Work out $\frac{3}{4}$ of £20

£ 15

CANONBURY
PRIMARY SCHOOL
Create, discover and succeed together

Equivalent fractions (1)

White Rose Maths

1 Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.
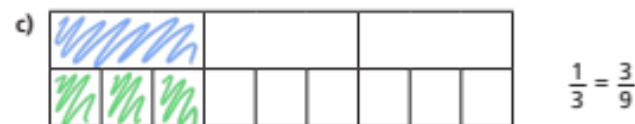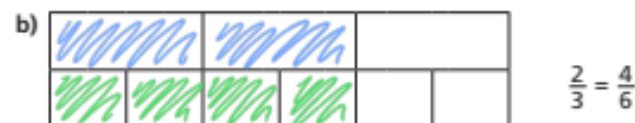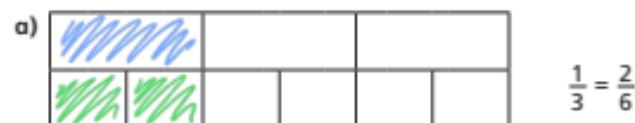
b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?
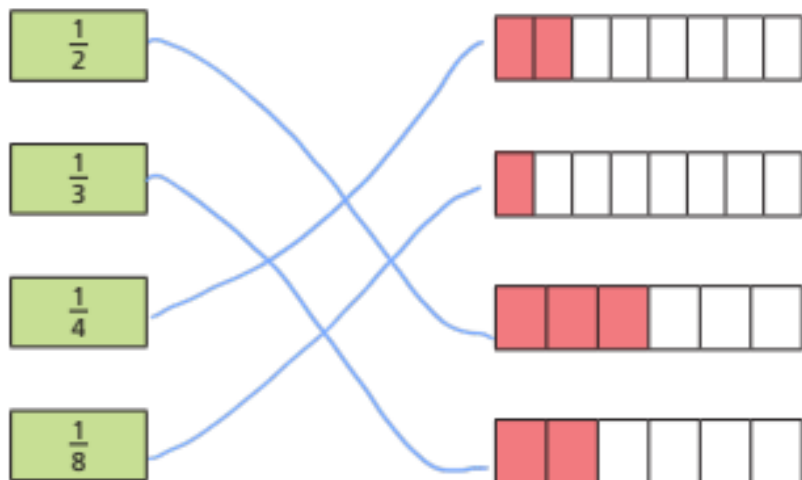
2 Complete the equivalent fractions.

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)

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

b)

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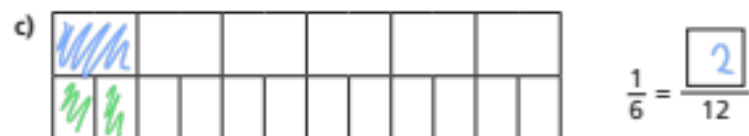
c)

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

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

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

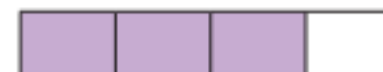c) $\frac{1}{6} = \frac{2}{12}$

6 The bar models represent fractions.

A

C

B

D
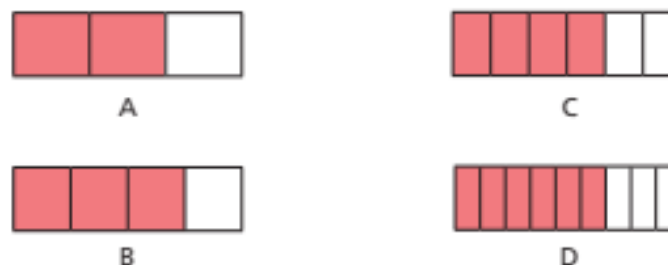
Which is the odd one out? __B__

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.