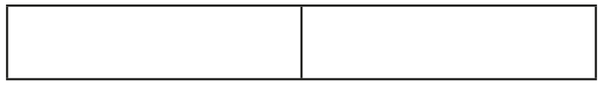
Equivalent fractions (1)

1 Shade the bar models to represent the fractions.

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

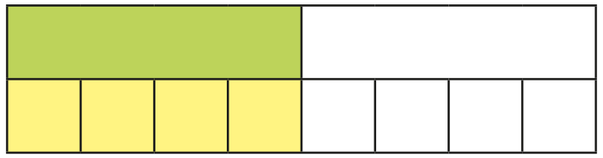


b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

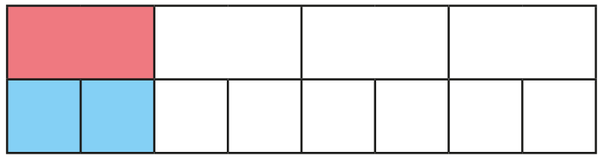
2 Complete the equivalent fractions.

a)



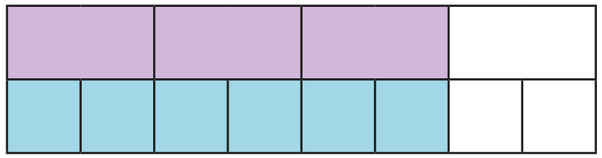
$\frac{1}{2} = \frac{\square}{8}$

b)



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

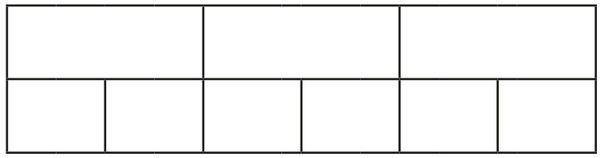
c)



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

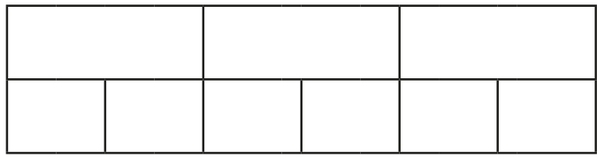
3 Shade the bar models to represent the equivalent fractions.

a)



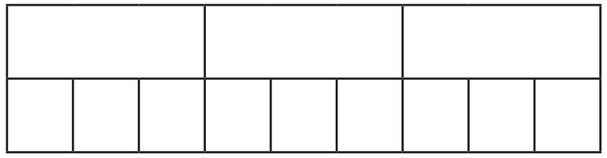
$\frac{1}{3} = \frac{2}{6}$

b)



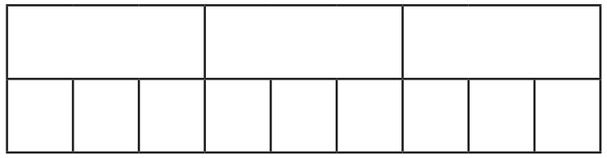
$\frac{2}{3} = \frac{4}{6}$

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?

© White Rose Maths 2020

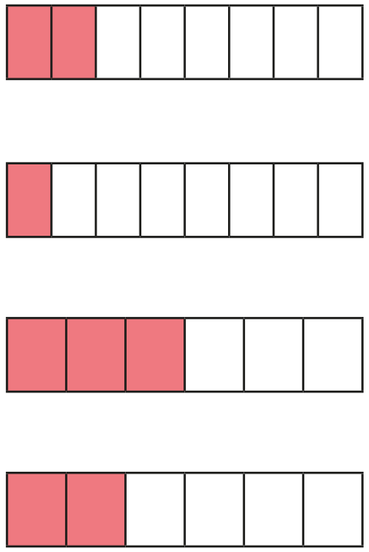
4 Match each bar model to its equivalent fraction.

$\frac{1}{2}$

$\frac{1}{3}$

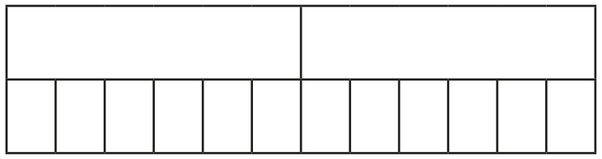
$\frac{1}{4}$

$\frac{1}{8}$



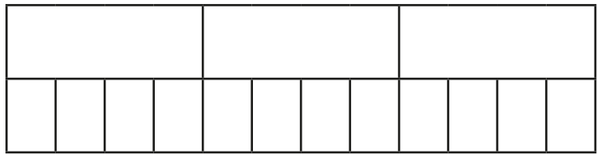
5 Shade the bar models to complete the equivalent fractions.

a)



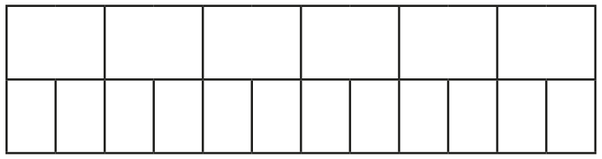
$\frac{1}{2} = \frac{\square}{12}$

b)



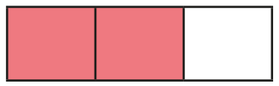
$\frac{1}{3} = \frac{\square}{12}$

c)

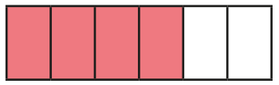


$\frac{1}{6} = \frac{\square}{12}$

6 The bar models represent fractions.

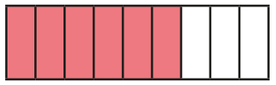


A



C

B



D

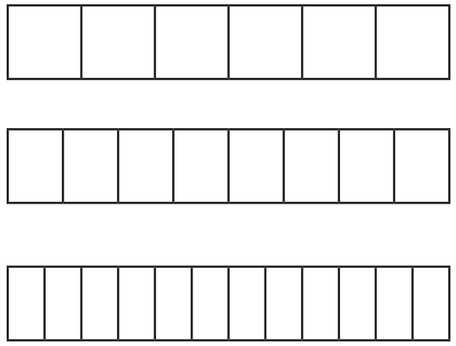
Which is the odd one out? _____

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.

© White Rose Maths 2020