

Equivalent fractions (1)

White
Rose
Maths

1 Shade the bar models to represent the fractions.

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

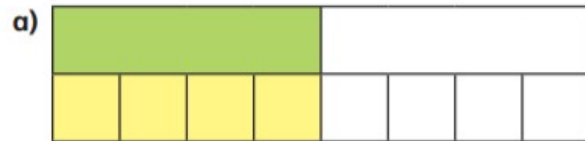


b) Shade $\frac{2}{4}$ of the bar model.

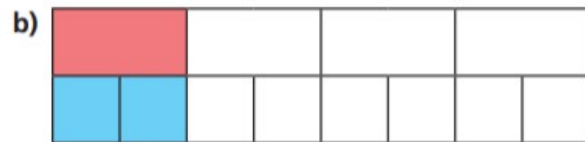


What do you notice?

2 Complete the equivalent fractions.



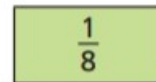
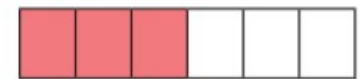
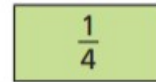
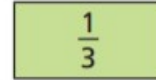
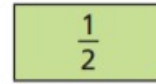
$$\frac{1}{2} = \frac{\square}{8}$$



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

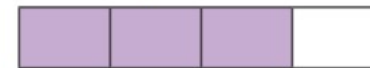
3

Match each bar model to its equivalent fraction.



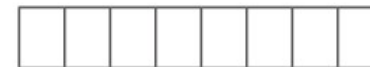
4

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.

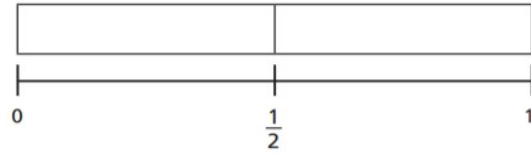

☐

☐

☐

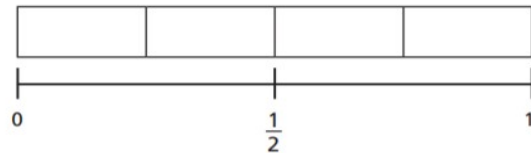
Equivalent fractions (2)

1 Shade the bar models to represent the fractions.

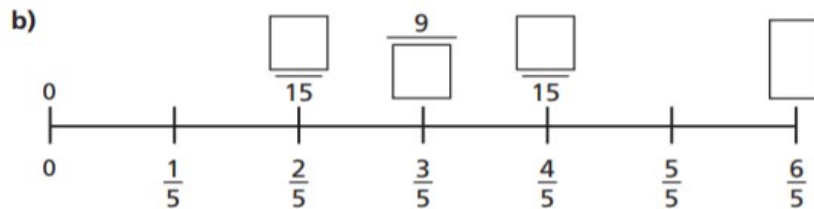
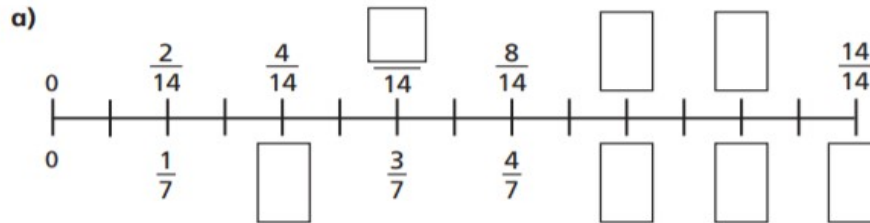
a) Shade $\frac{1}{2}$ of the bar model.



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

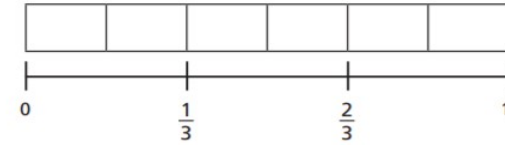


3 Find the missing numbers.

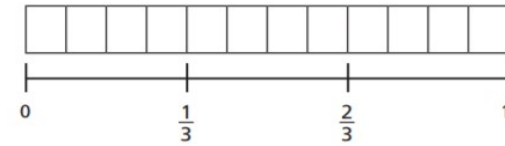


2 Shade $\frac{2}{3}$ of each bar model.

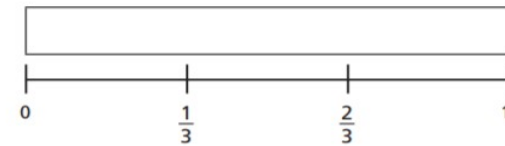
a)



b)



c)



5 Here is a number line.



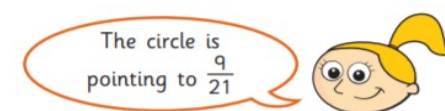
a) What fraction is each shape pointing to?



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.