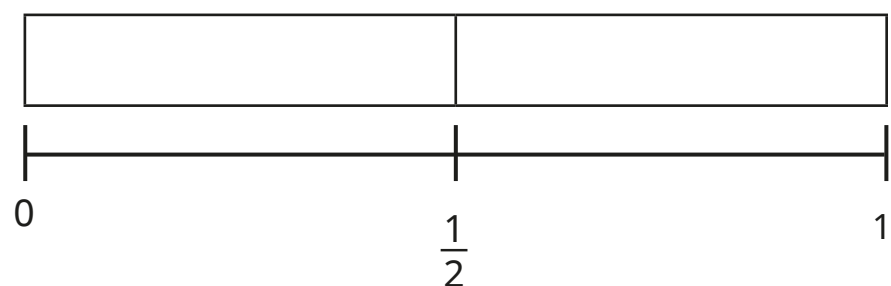


Equivalent fractions as bar models



1 Shade the bar models to show the fractions.

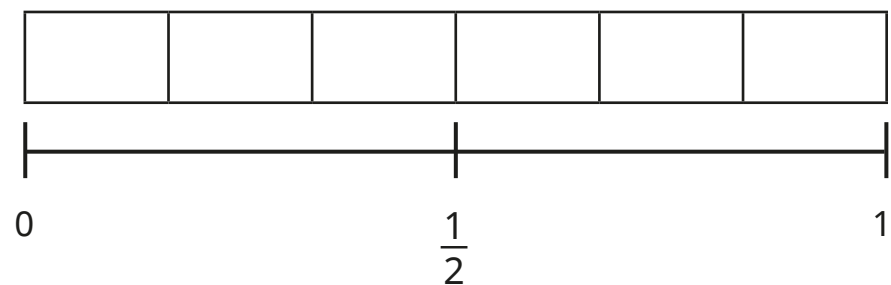
a) Shade $\frac{1}{2}$ of the bar model.



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



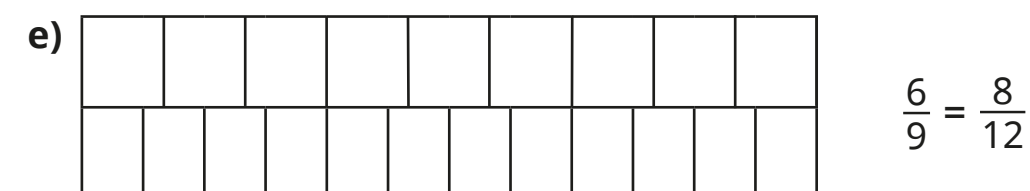
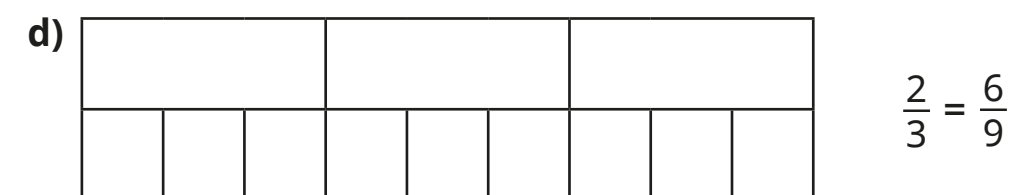
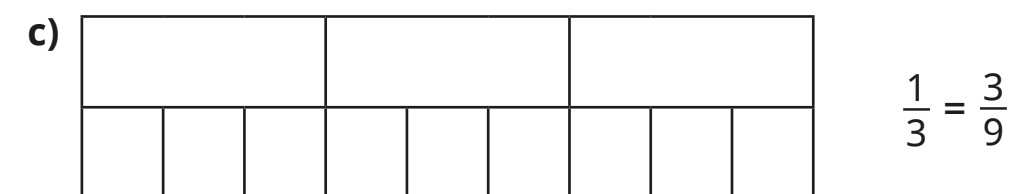
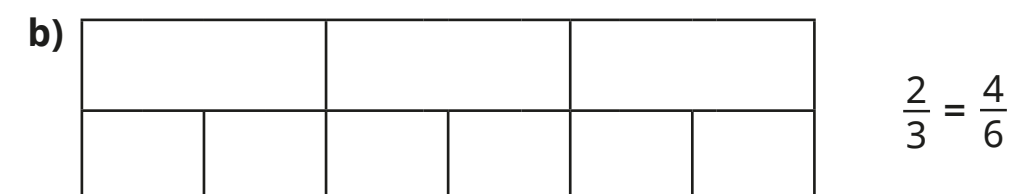
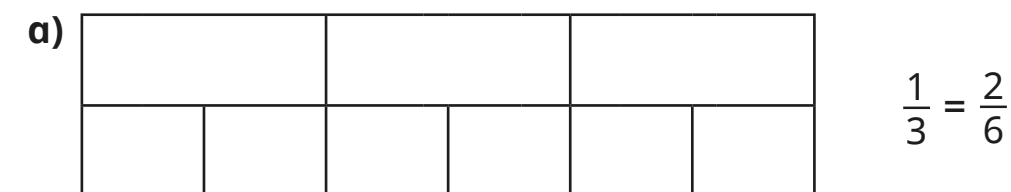
c) Shade $\frac{3}{6}$ of the bar model.



d) What do you notice?

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

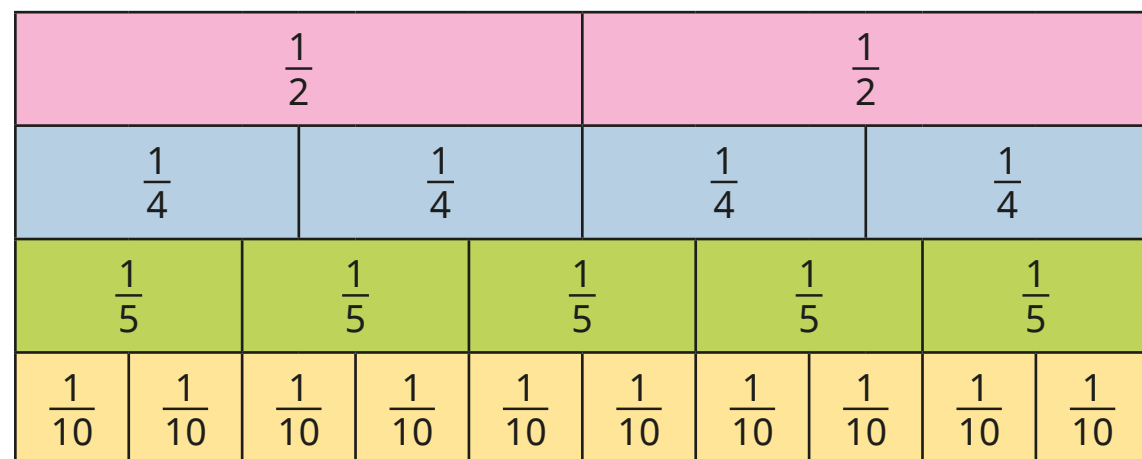
2 Shade the bar models to show the equivalent fractions.



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



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



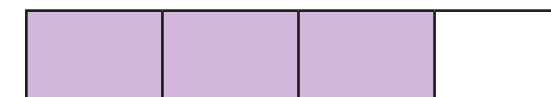
Write **is** or **is not** to complete the sentences.

- 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.



- 4 The bar model shows $\frac{3}{4}$



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.

- 5 The bar model shows $\frac{1}{2}$



Write as many equivalent fractions to $\frac{1}{2}$ as you can.

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

