

Equivalent fractions (2)



1 Shade the bar models to represent the fractions.

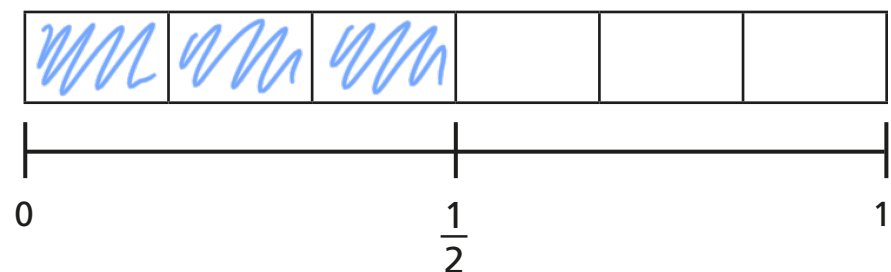
a) Shade $\frac{1}{2}$ of the bar model.



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



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

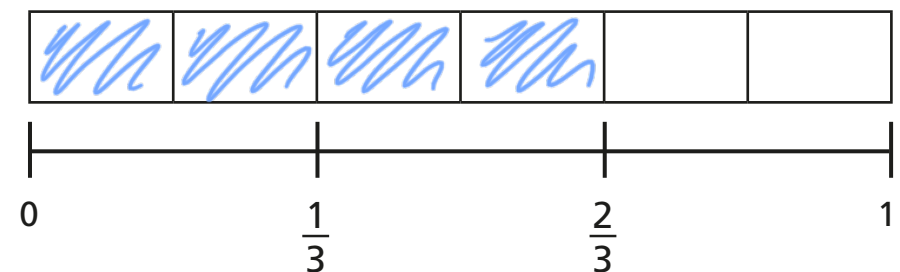


d) What do you notice?

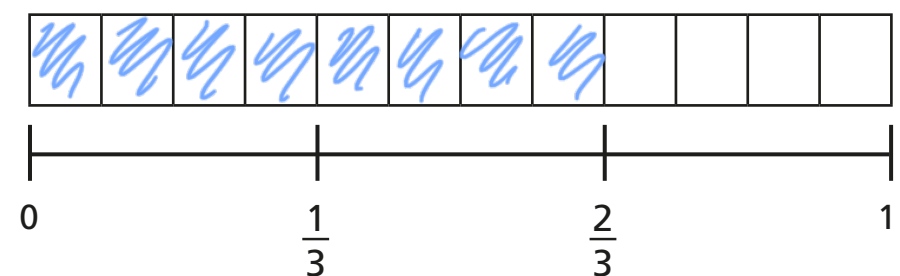
e) Write another fraction that is equivalent to $\frac{1}{2}$

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

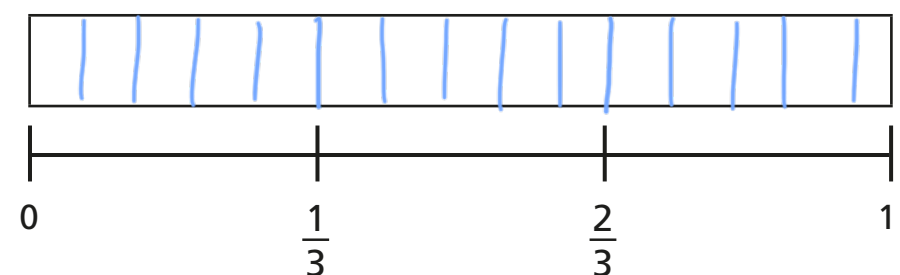
a)



b)



c)

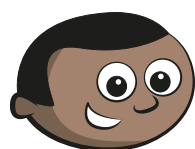
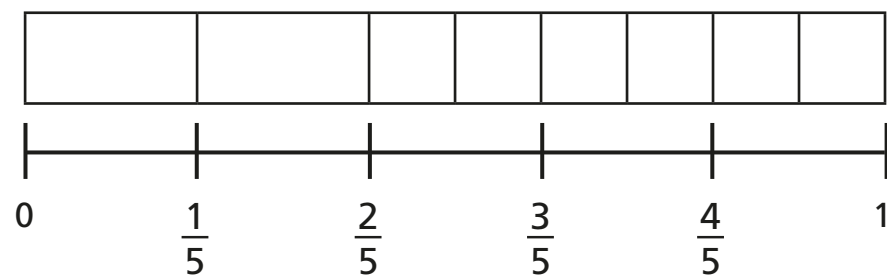
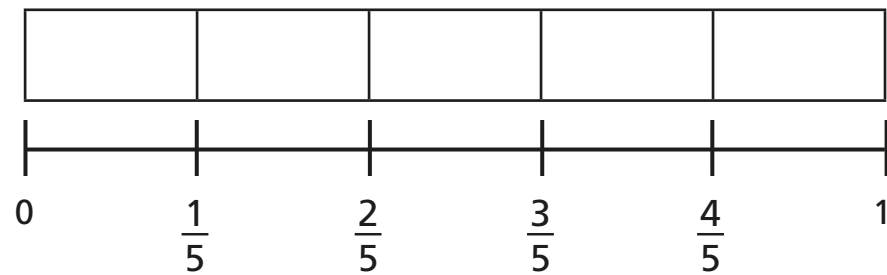


d) Use your answers to parts a), b) and c) to complete the equivalent fractions.

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



- 3 Mo is finding equivalent fractions.

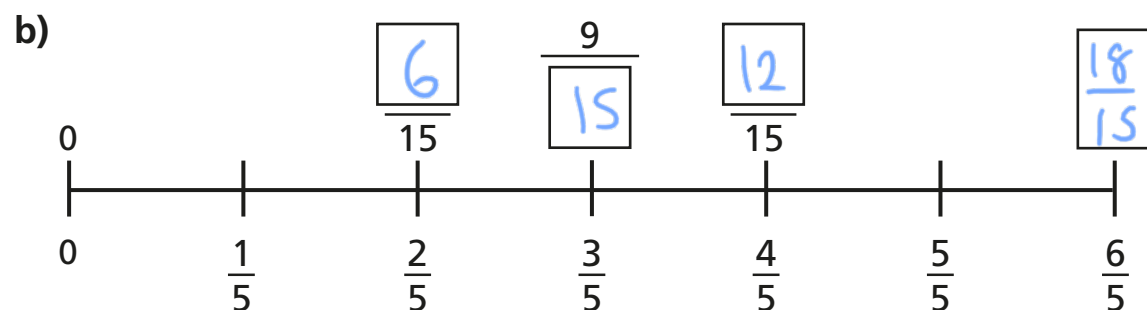
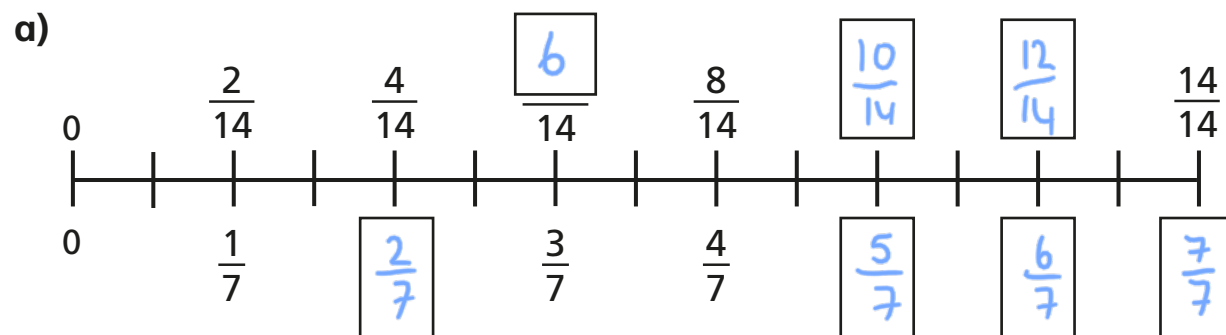


$\frac{6}{8}$ is equivalent to $\frac{4}{5}$

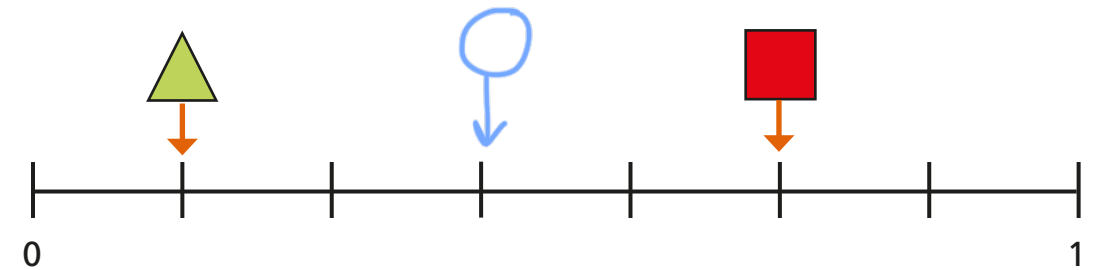
Do you agree with Mo? No

Explain your answer.

- 4 Find the missing numbers.



- 5 Here is a number line.



- a) What fraction is each shape pointing to?

$\triangle = \frac{1}{7}$

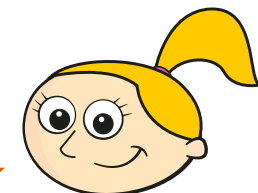
$\square = \frac{5}{7}$

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

Draw the circle on the number line.

- c)

The circle is pointing to $\frac{9}{21}$



Do you agree with Eva? Yes

Show how you worked this out.

- d) Write three equivalent fractions for each shape.

e.g.



$\frac{10}{70}$ $\frac{8}{56}$ $\frac{3}{21}$



$\frac{3}{7}$ $\frac{30}{70}$ $\frac{15}{35}$



$\frac{50}{70}$ $\frac{40}{56}$ $\frac{15}{21}$

Compare answers with a partner.