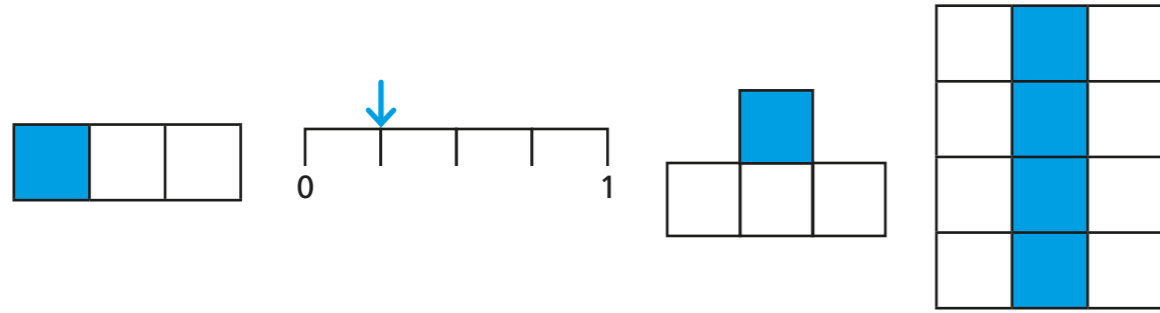


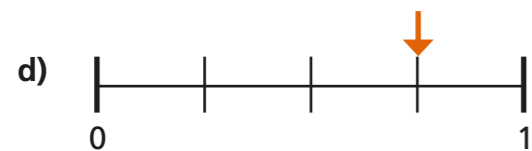
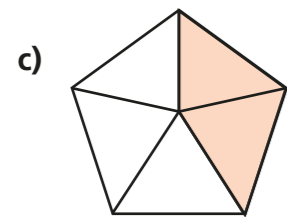
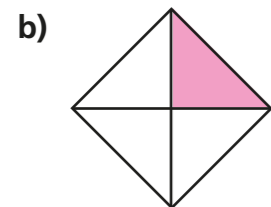
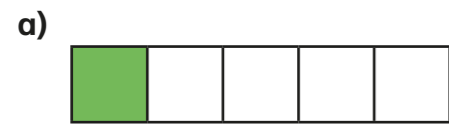
# Understand representations of fractions

1 Which diagrams represent one third? Tick your answers.

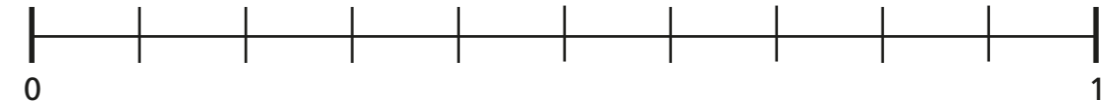
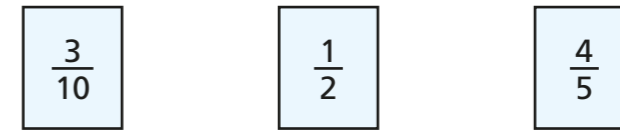


How could the other diagrams be changed so that they represent one third?

2 Write the fractions shown in the representations.

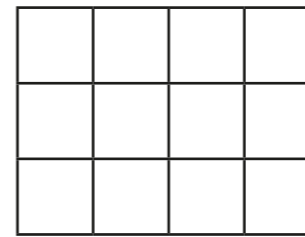


3 Draw an arrow from each fraction to its place on the number line.

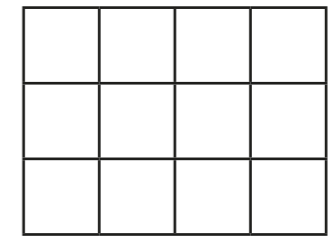


4 Shade the grids to match the given fractions.

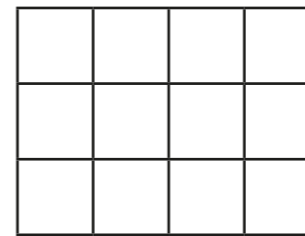
a)  $\frac{5}{12}$



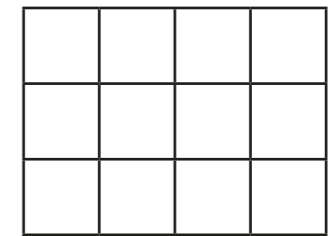
c)  $\frac{3}{4}$



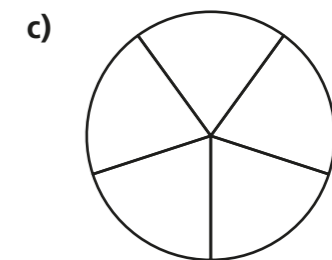
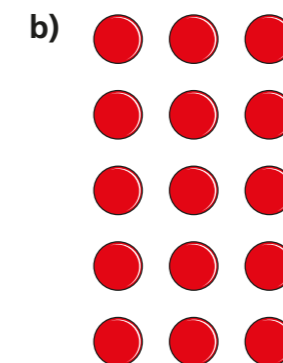
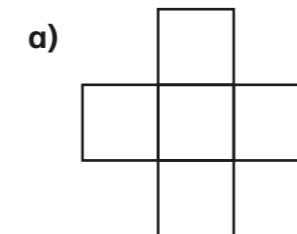
b)  $\frac{1}{3}$



d)  $\frac{1}{6}$

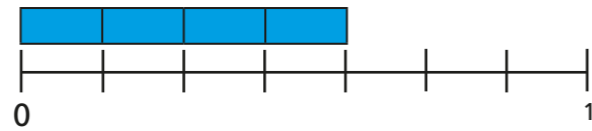


5 Represent  $\frac{3}{5}$  on each diagram.

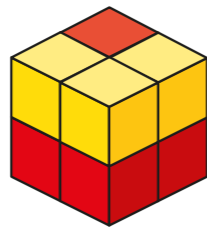


6 Match the numerical expressions to their fractional representation.

0.4



0.375



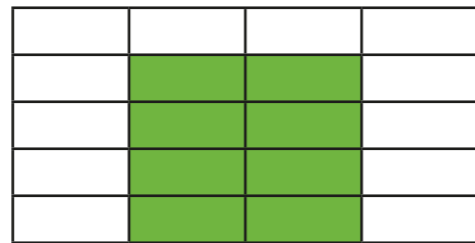
$3 \div 10$



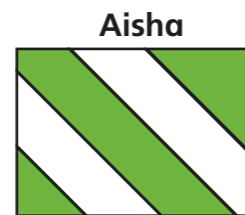
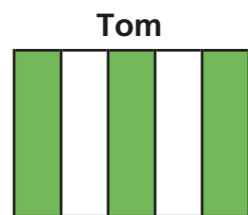
$4 \times \frac{1}{7}$



$\frac{1}{3}$



7 Tom and Aisha are asked to show  $\frac{3}{5}$  on a rectangle.



Who has correctly shown  $\frac{3}{5}$ ? \_\_\_\_\_

Explain your answer.

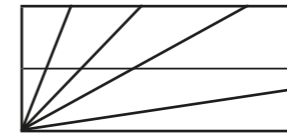
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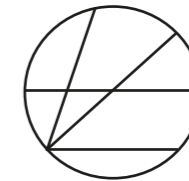
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8 Shade  $\frac{1}{2}$  of each shape.

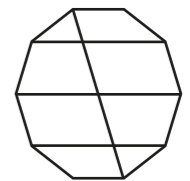
a)



b)



c)



Discuss with a partner how you did it.

9 What fraction of each shape is shaded?

a)



b)

