

What is a fraction?

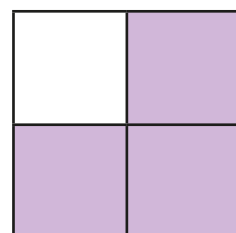
1 What fraction of each shape is shaded?

a)



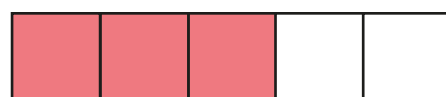
$\frac{1}{5}$

c)



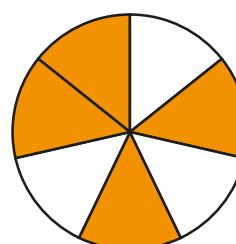
$\frac{3}{4}$

b)



$\frac{3}{5}$

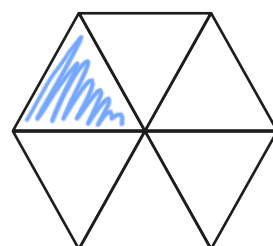
d)



$\frac{4}{7}$

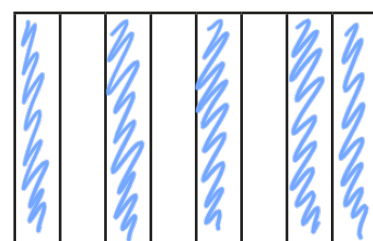
2 Shade each diagram to represent the fractions.

a)



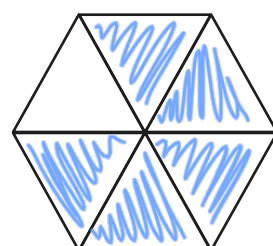
$\frac{1}{6}$

c)



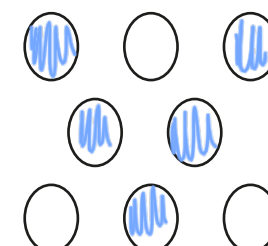
$\frac{5}{8}$

b)



$\frac{5}{6}$

d)



$\frac{5}{8}$

3 Circle the unit fractions.

$\frac{1}{3}$

$\frac{1}{5}$

$\frac{3}{5}$

$\frac{1}{8}$

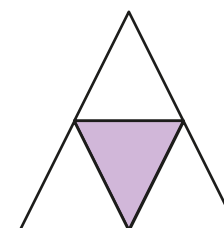
$\frac{2}{3}$

$\frac{10}{11}$

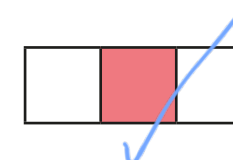
How do you know which are unit fractions?

4 a) Tick the shapes with one third shaded.

A



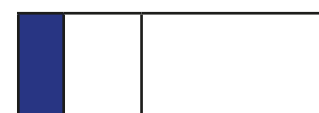
D



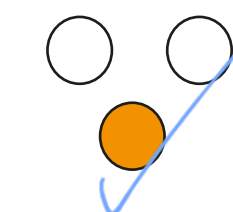
F



B



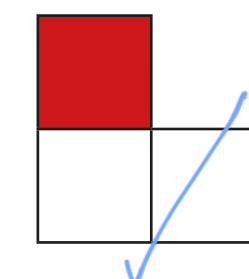
E



G



C



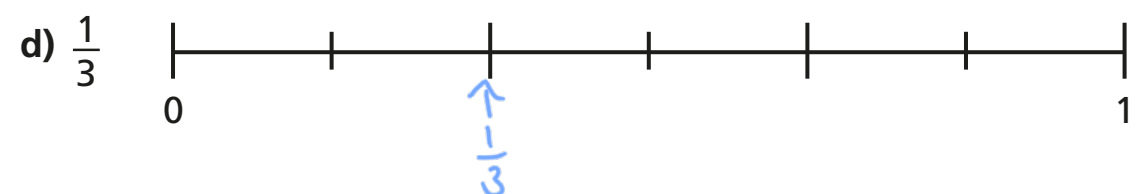
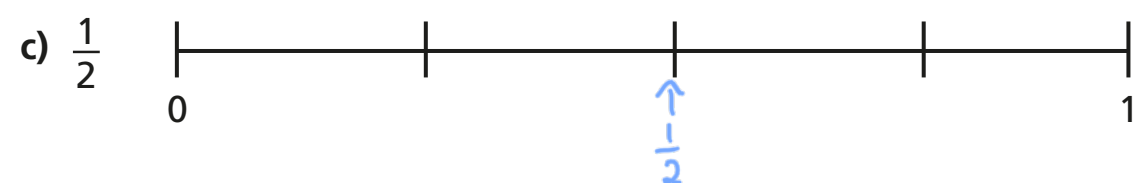
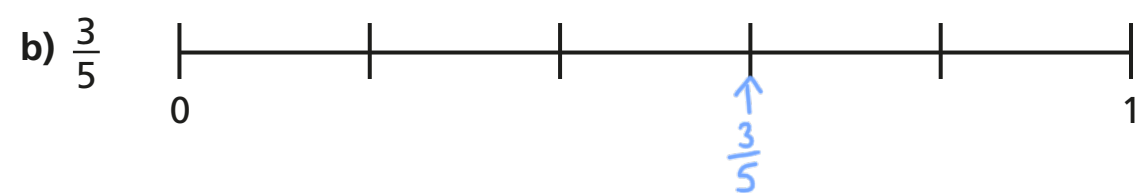
b) Complete the sentences to describe the shapes with one third shaded.

There are $\boxed{3}$ equal parts altogether.

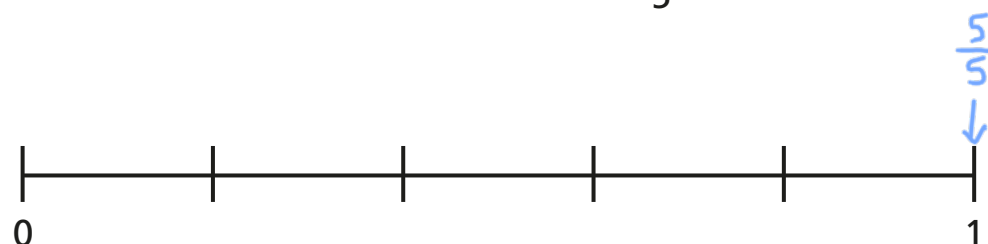
$\boxed{1}$ out of $\boxed{3}$ equal parts is shaded.

$\boxed{\frac{1}{3}}$ of the shape is shaded.

- 5 Draw an arrow to show the position of the fraction on the number line.



- 6 Draw an arrow to show the position of $\frac{5}{5}$ on the number line.

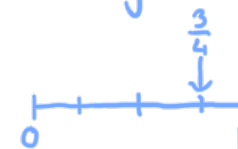


What do you notice?



- 7 Draw four different representations of $\frac{3}{4}$

Various answers e.g.



- 8 Amir has drawn some 2D shapes.



- a) What fraction of the shapes are triangles?
- b) What fraction of the shapes are squares?
- c) What fraction of the shapes have four sides?

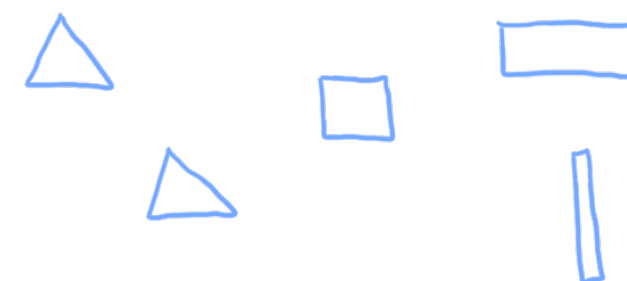
$\frac{1}{7}$

$\frac{4}{7}$

$\frac{6}{7}$

- d) Draw 2D shapes to match the description.

$\frac{1}{5}$ are squares, $\frac{2}{5}$ are triangles, $\frac{3}{5}$ have more than 3 sides.



Compare shapes with a partner.

What is the same about your shapes? Is anything different?

