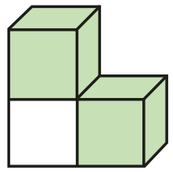
Non-unit fractions

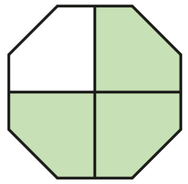
1 Complete the sentences.

a) 

There are 3 equal parts.

There are 2 parts shaded.

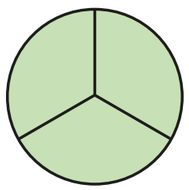
$\frac{2}{3}$ is shaded.

b) 

There are 4 equal parts.

There are 3 parts shaded.

$\frac{3}{4}$ is shaded.

c) 

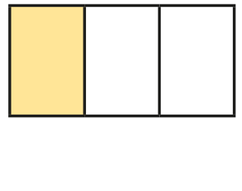
There are 3 equal parts.

There are 3 parts shaded.

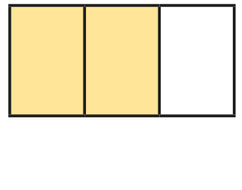
$\frac{3}{3}$ is shaded.

2 What fraction of each shape is shaded?

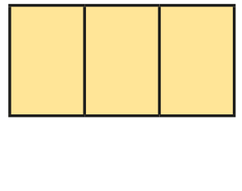
a)



$\frac{1}{3}$



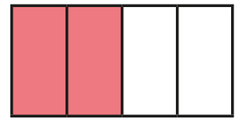
$\frac{2}{3}$



$\frac{3}{3}$

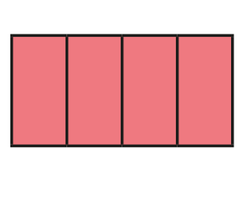
b)

$\frac{1}{4}$



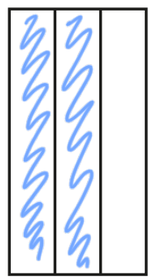
$\frac{2}{4}$

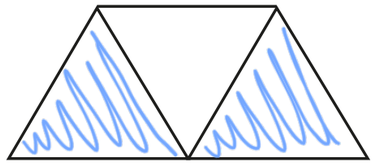
$\frac{3}{4}$



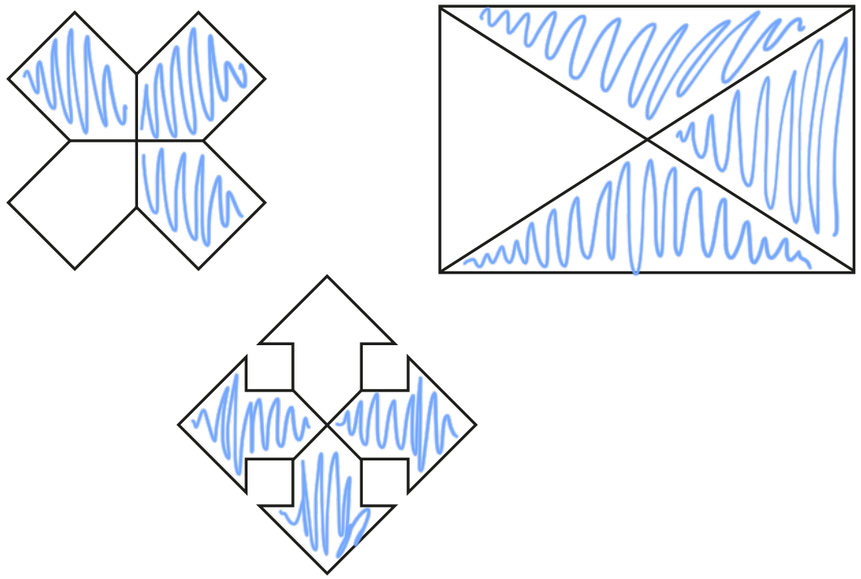
$\frac{4}{4}$

3 Colour $\frac{2}{3}$ of each shape.





4 Colour $\frac{3}{4}$ of each shape.



5 A shape has 3 equal parts.

a) What fraction is shaded if there are 2 parts shaded?

$\frac{2}{3}$ is shaded.

b) What fraction is shaded if there are 3 parts shaded?

$\frac{3}{3}$ is shaded.

6 Write the fractions in the table.

$\frac{1}{3}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{2}{3}$

Unit fractions	Non-unit fractions
$\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{4}$	$\frac{3}{4}$ $\frac{2}{3}$

7 Fill in the boxes to give a unit fraction and a non-unit fraction.

unit fraction $\frac{\boxed{1}}{5}$ **non-unit fraction** $\frac{\boxed{2}}{5}$

Work with a partner.

Find other examples of unit fractions and non-unit fractions.

Write five examples of each.

unit fractions: e.g. $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{6}$ $\frac{1}{7}$

non-unit fractions: $\frac{2}{7}$ $\frac{3}{11}$ $\frac{4}{100}$ $\frac{5}{17}$ $\frac{6}{99}$