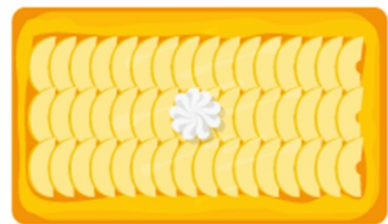


Let's Learn

- a Amy has a rectangular cake.
The rectangular cake is one whole.

Student's Book p. 192



She cuts the cake into 4 equal parts.

Each part is a quarter or $\frac{1}{4}$.



She eats some of the cake and has 3 parts left.

3 out of 4 equal parts is three-quarter or $\frac{3}{4}$.

$\frac{3}{4}$ of the cake is left.

total number of equal parts the whole is divided into.

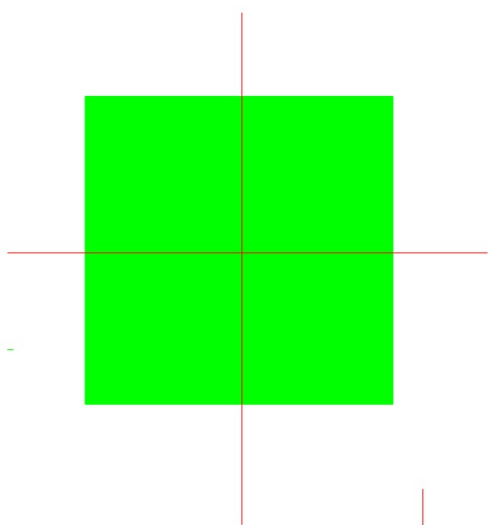
$$\frac{3}{4} \leftarrow \begin{array}{l} \text{numerator} \\ \text{denominator} \end{array}$$

Student's Book p. 193

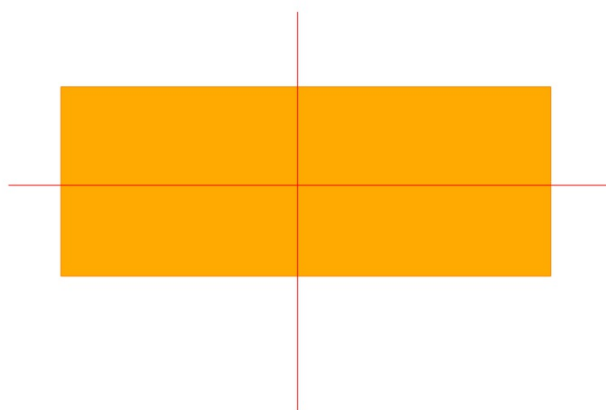
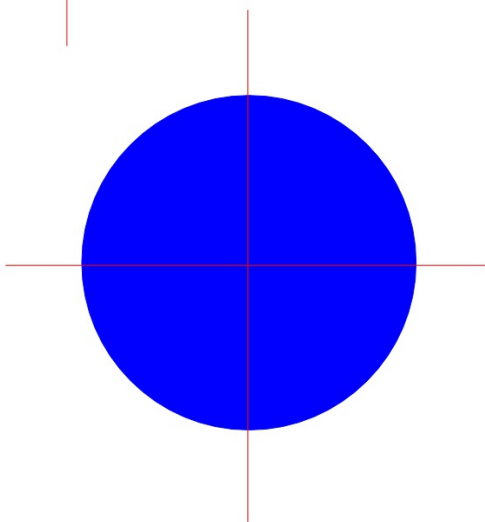
number of equal part(s) of the whole that is left (shaded parts)

total number of equal parts the whole is divided into

Student's Book p. 193



Can you draw a different shape and cut it into quarters? Tell a partner how you know they are all quarters.

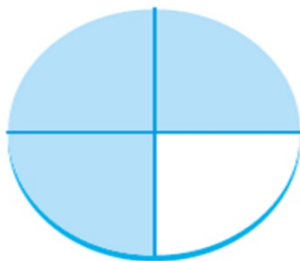


The **numerator** shows **the number** of equal part(s) of the whole that is **left**.

The **denominator** shows the **total number** of equal parts the whole is divided into.

Amy has 3 more cakes in different shapes and sizes.

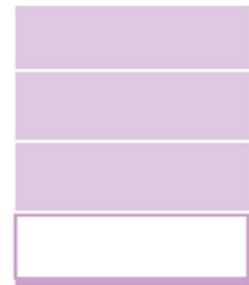
In all these cakes, $\frac{3}{4}$ of the cake is left.



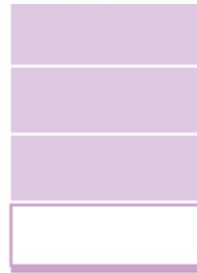
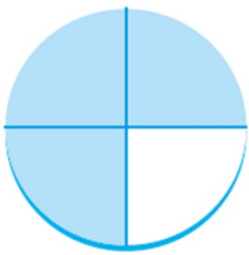
$$3 \text{ parts of } 4 = \frac{3}{4}$$



$$3 \text{ parts of } 4 = \frac{3}{4}$$



$$3 \text{ parts of } 4 = \frac{3}{4}$$



Number of parts:

Each cake is cut into 4 equal parts.

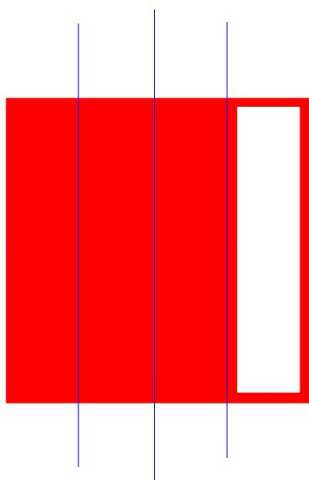
Shapes:

2 of the cakes are rectangular while 1 of the cakes is round.

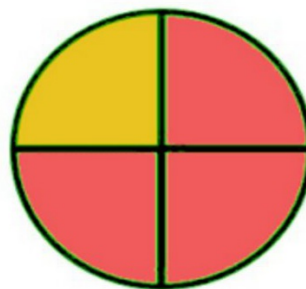
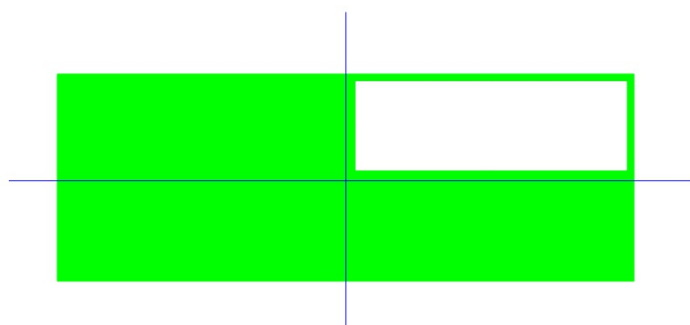
What is the same and what is different among them?



Student's Book p. 193



What are some other ways to show $\frac{3}{4}$? Draw and show your partner. Explain how you know they are all $\frac{3}{4}$.



- b Raihan cuts a piece of paper into 5 equal parts to make some bookmarks.

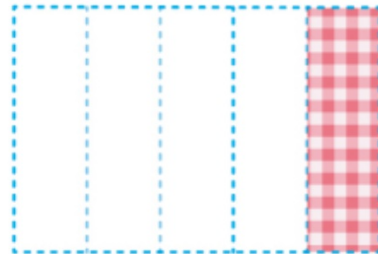
Each part is a **fifth** or $\frac{1}{5}$.

1 out of 5 equal parts are coloured.

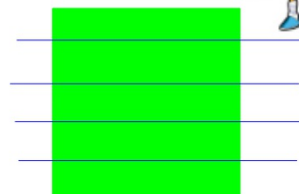
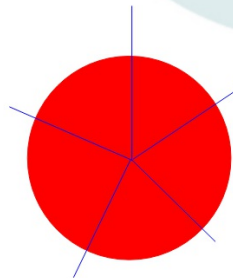
So 1 fifth or $\frac{1}{5}$ of the paper is coloured.

4 out of 5 equal parts is not coloured.

So 4 fifths or $\frac{4}{5}$ of the paper is not coloured.



Can you draw a different shape and cut it into fifths? Tell a partner how you know they are all fifths.



- c Joanne shades a tile with 3 equal parts in different colours.
Each part is a **third** or $\frac{1}{3}$.



1 part is red, 1 part is yellow and 1 part is blue.

$\frac{1}{3}$ of the tile is red, $\frac{1}{3}$ of the tile is yellow and $\frac{1}{3}$ of the tile is blue.

$\frac{1}{3}$, $\frac{1}{3}$ and $\frac{1}{3}$ make 1 whole. $\frac{3}{3}$ is the same as 1 whole.

- d Gopal cuts a pie into 10 equal parts.
Each part is a **tenth** or $\frac{1}{10}$.

There are 10 $\frac{1}{10}$ or tenths.

$\frac{10}{10}$ is the same as 1 whole.

