

LO: To be able to understand and recognise fractions.

Today we are going to start our fractions unit. We will cover some revision topics first to introduce the topic before starting our learning when you all come back to school.

Warm up!
Practice your column addition!

$$\begin{array}{r} 1 \quad 4078 \\ + 7806 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 3020 \\ + 7033 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 8389 \\ + 2094 \\ \hline \\ \hline \end{array}$$

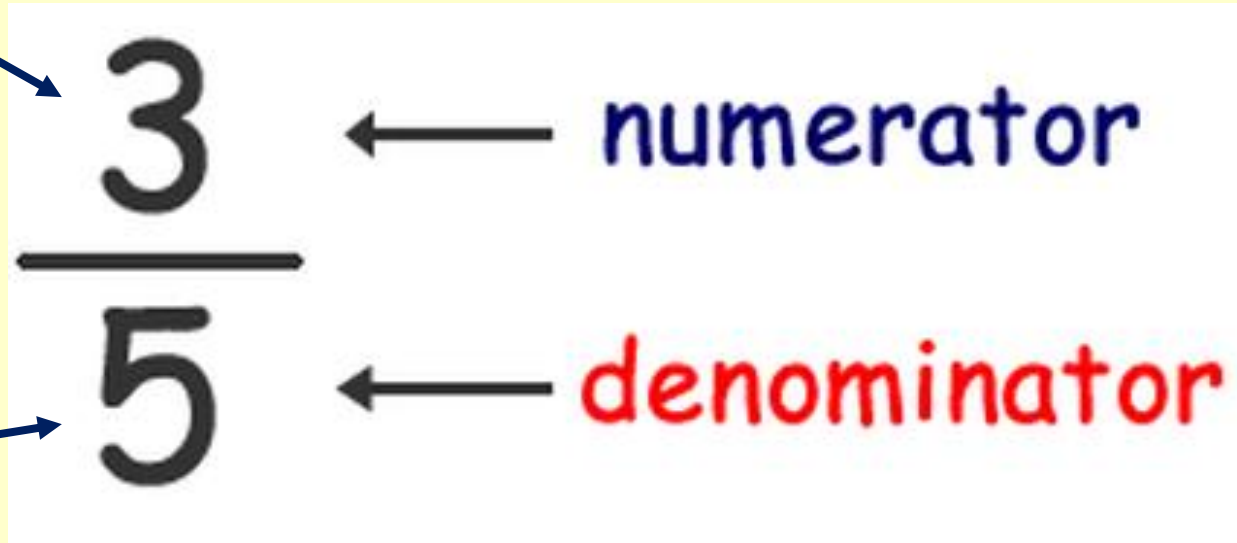
$$\begin{array}{r} 4 \quad 1938 \\ + 8398 \\ \hline \\ \hline \end{array}$$

What is a fraction?

A fraction means a part of something or a number of parts of something.

A fraction is less than a whole number.

The number on top
shows how many
parts there are.



The diagram shows the fraction $\frac{3}{5}$ on a white background. The number 3 is positioned above a horizontal line, and the number 5 is positioned below the line. To the right of the 3, there is a left-pointing arrow followed by the word "numerator" in dark blue. To the right of the 5, there is a left-pointing arrow followed by the word "denominator" in red.

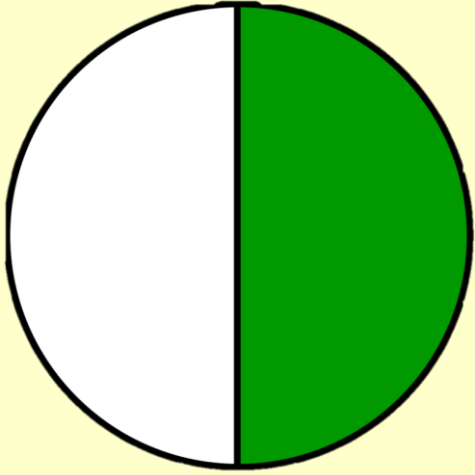
$$\frac{3}{5}$$

← numerator

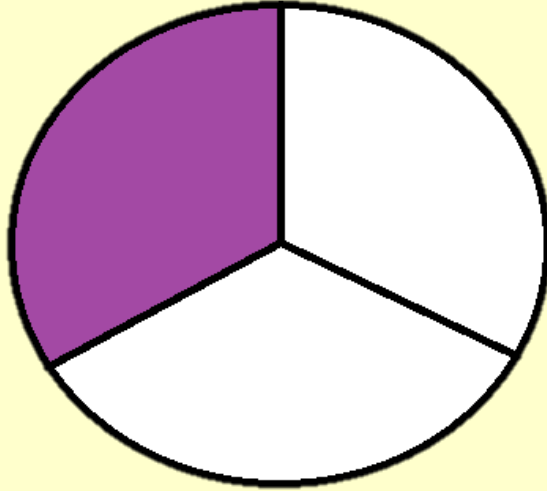
← denominator

The number on the
bottom shows how
many parts something
has been divided into.

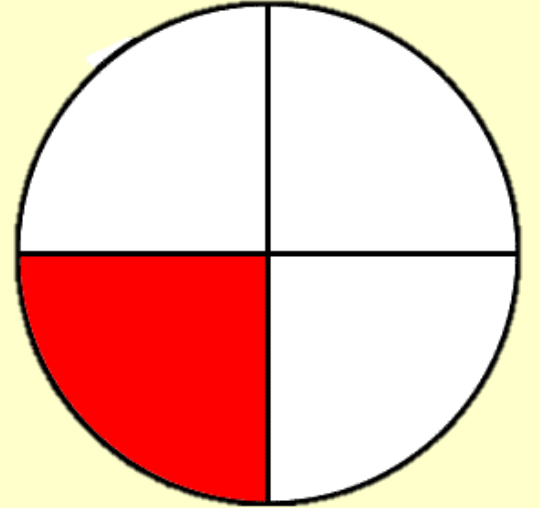
Can you match up the fraction with the correct label?



$$\frac{1}{3}$$

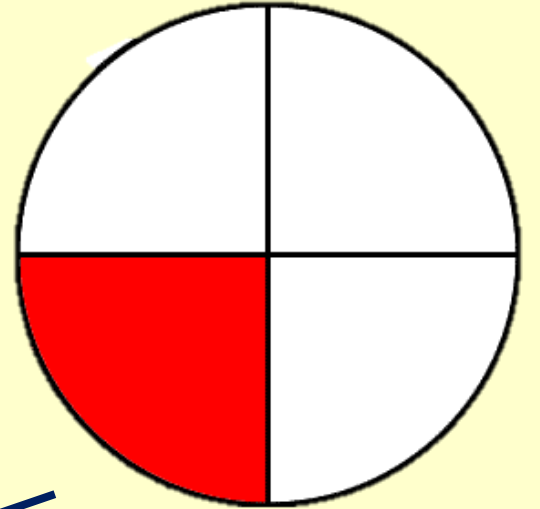
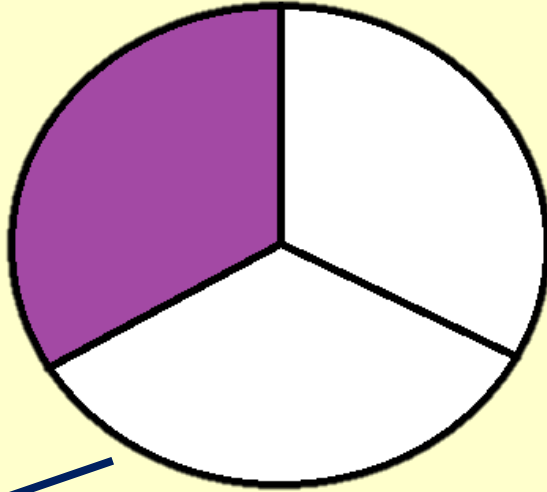
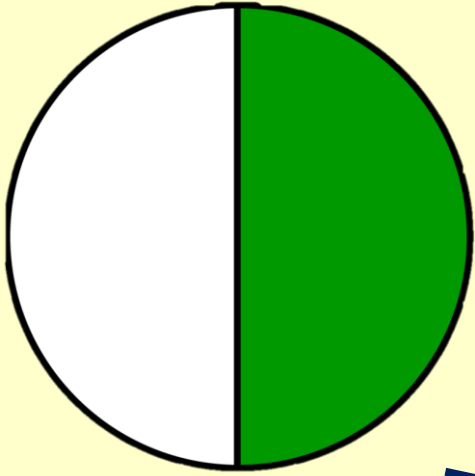


$$\frac{1}{4}$$



$$\frac{1}{2}$$

Can you match up the fraction with the correct label?

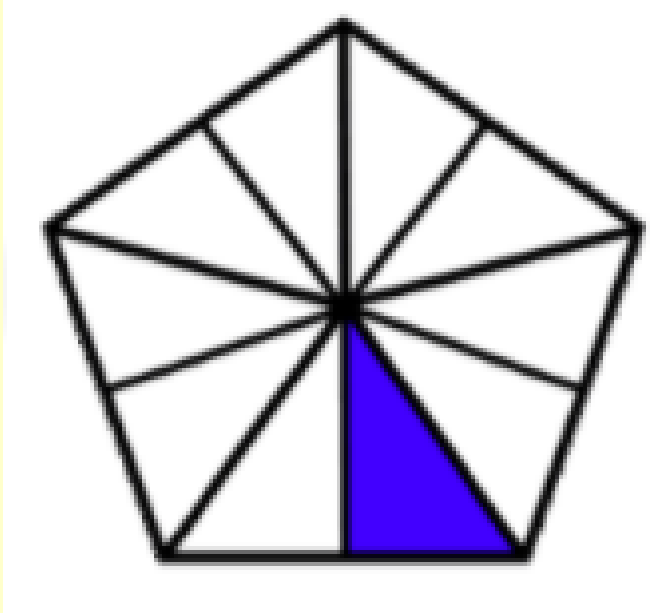


$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{2}$

What fraction is shown below?

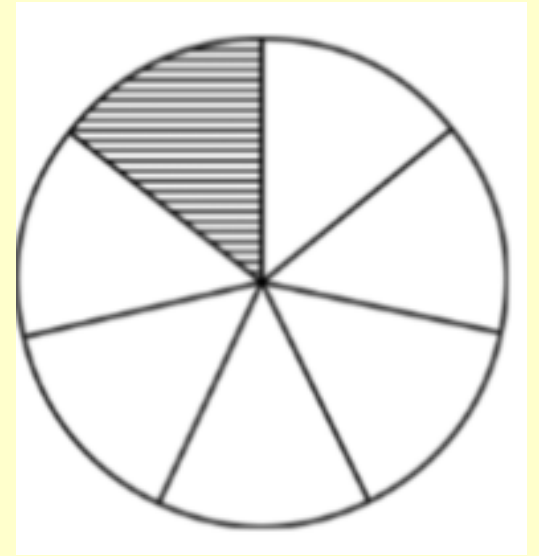
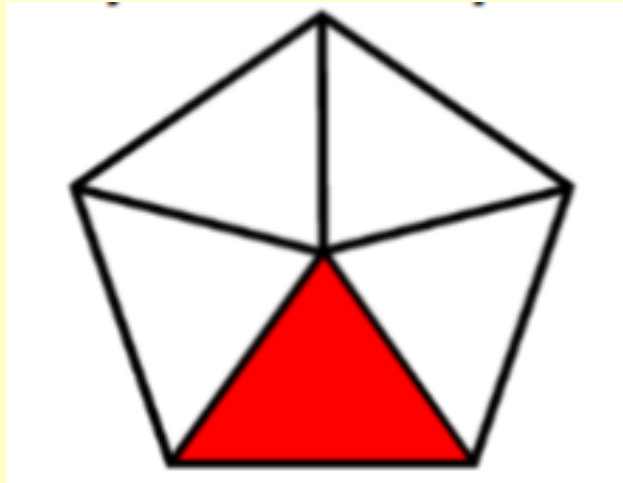
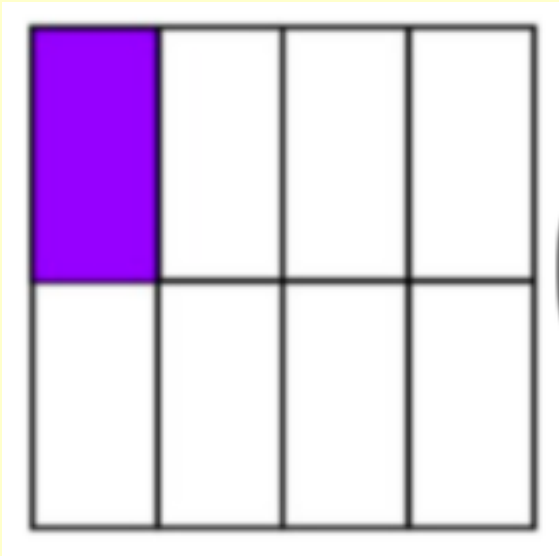


1. To work out the denominator, count how many pieces in total.
2. Now count how many pieces are shaded in.

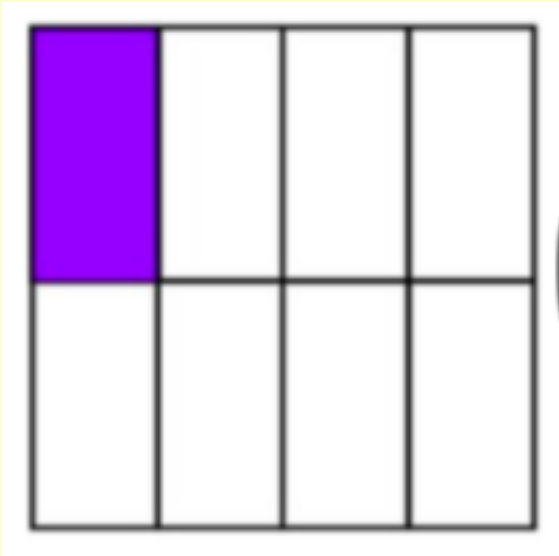
$$\frac{1}{10}$$

One tenth.

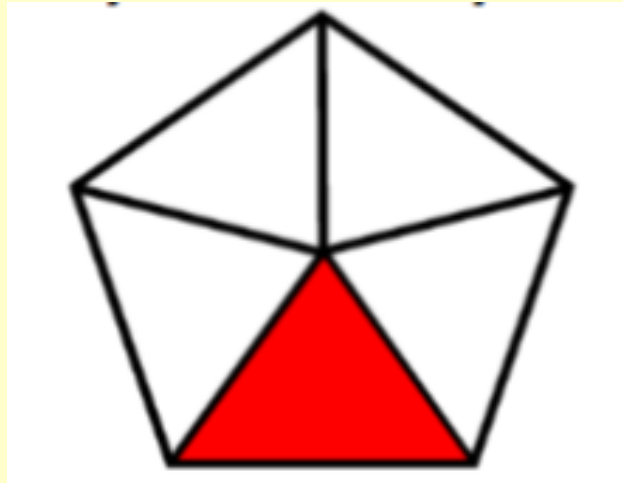
**Your turn,
What fractions are shown below?**



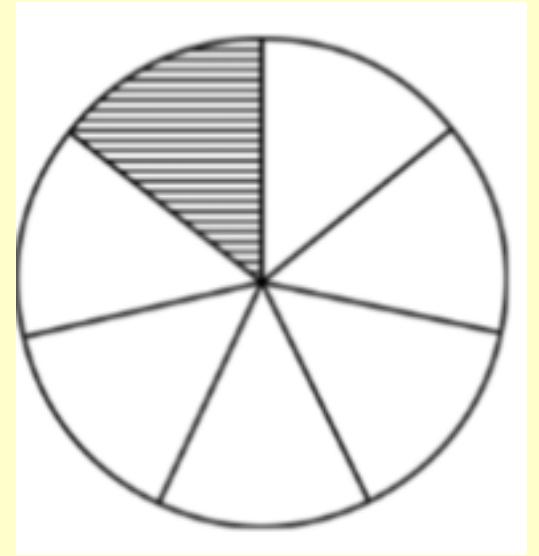
**Your turn,
What fractions are shown below?**



$$\frac{1}{8}$$



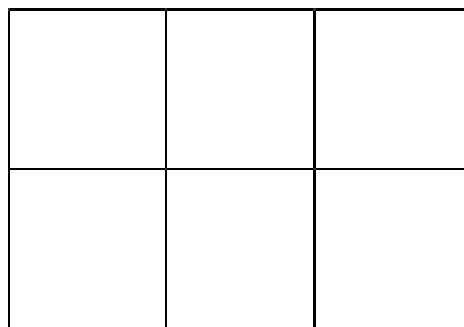
$$\frac{1}{5}$$



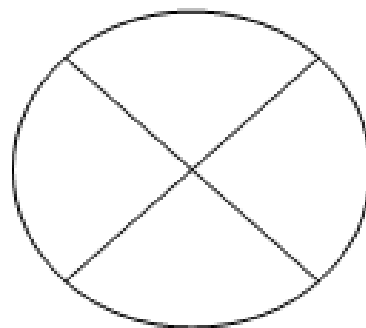
$$\frac{1}{7}$$

Shade the amount shown of each shape:

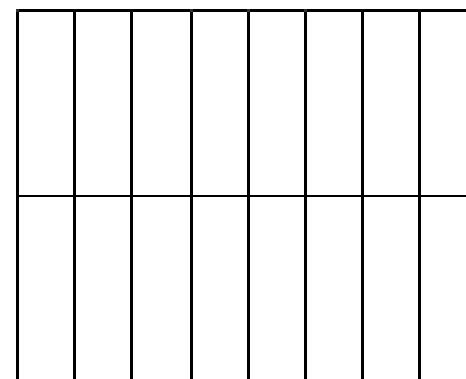
$\frac{1}{3}$



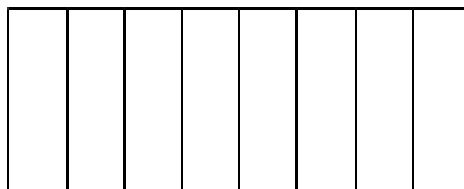
$\frac{1}{4}$



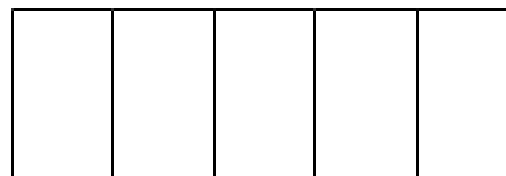
One half



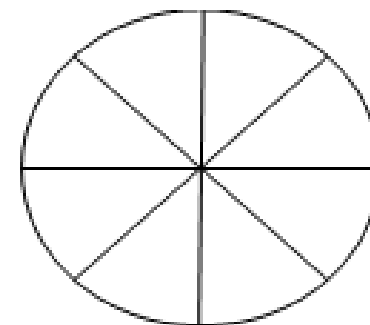
Seven eighths



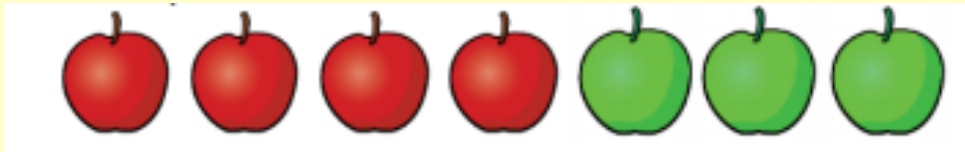
$\frac{3}{5}$



One quarter

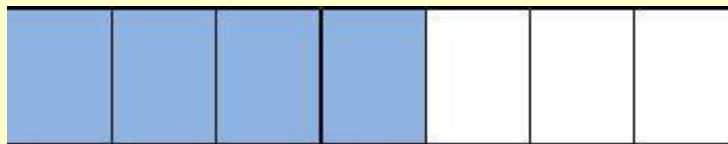
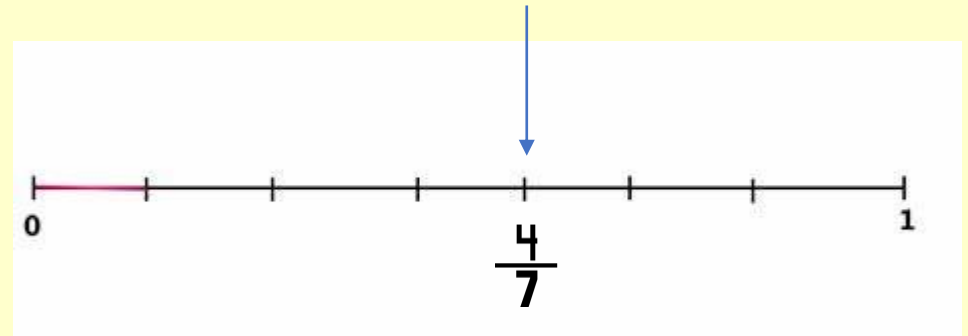
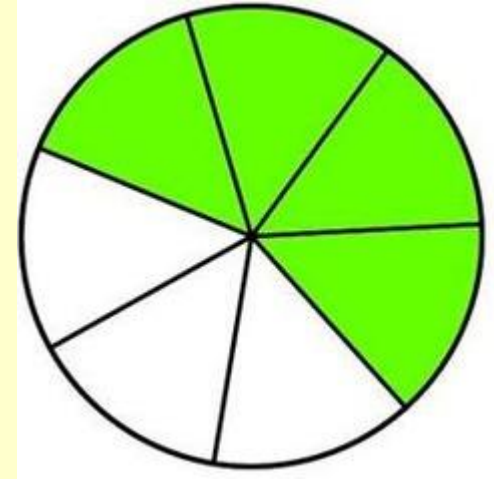


Remember there are lots of ways to represent fractions.



$$\frac{4}{7}$$

four sevenths



Well done, now start your worksheet!

