

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!

1

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

2

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

3

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

4

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

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 it. To the right of the fraction, there are two labels with arrows pointing to the corresponding parts: 'numerator' in blue text with an arrow pointing to the 3, and 'denominator' in red text with an arrow pointing to the 5.

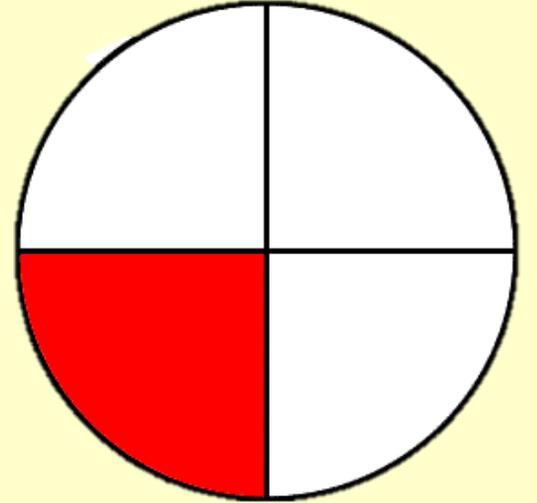
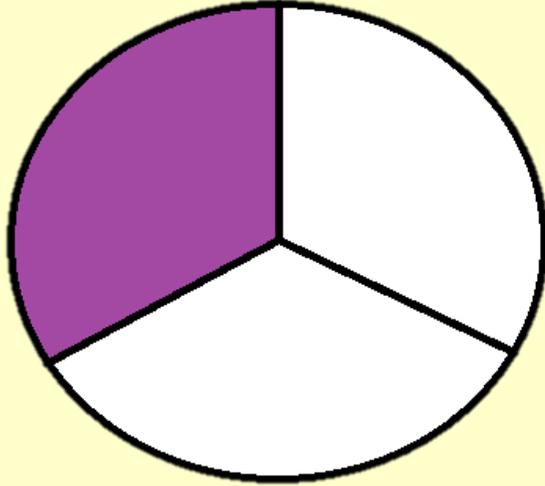
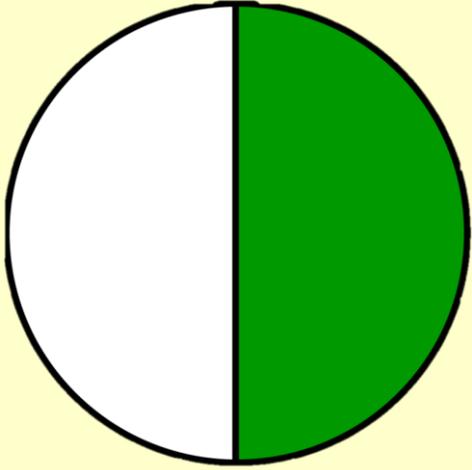
$$\frac{3}{5}$$

← 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?

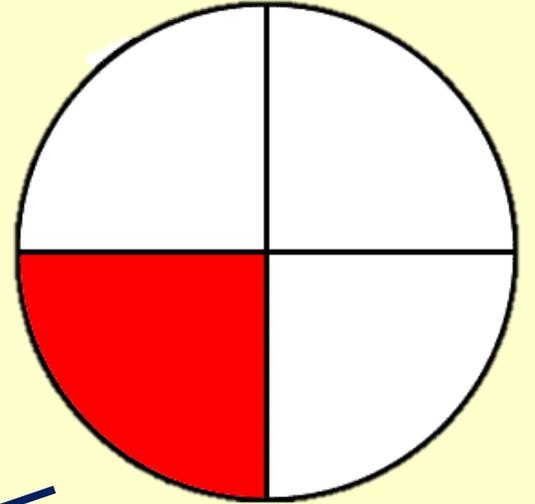
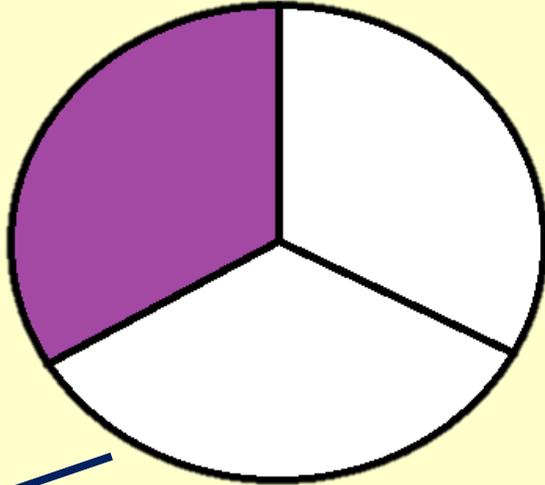
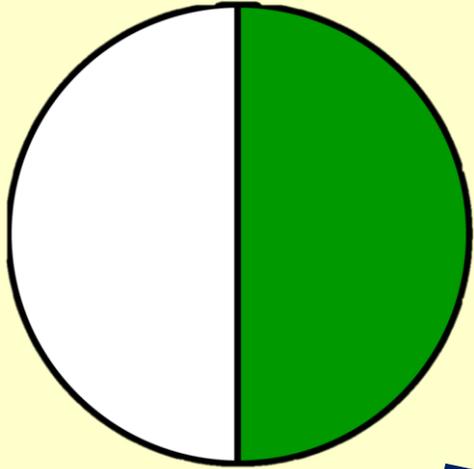


$$\frac{1}{3}$$

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

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

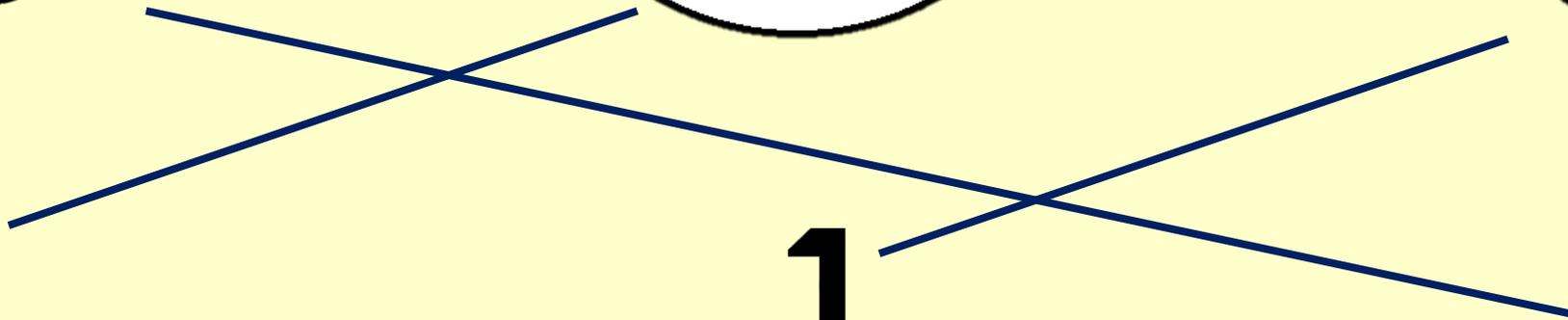
Can you match up the fraction with the correct label?



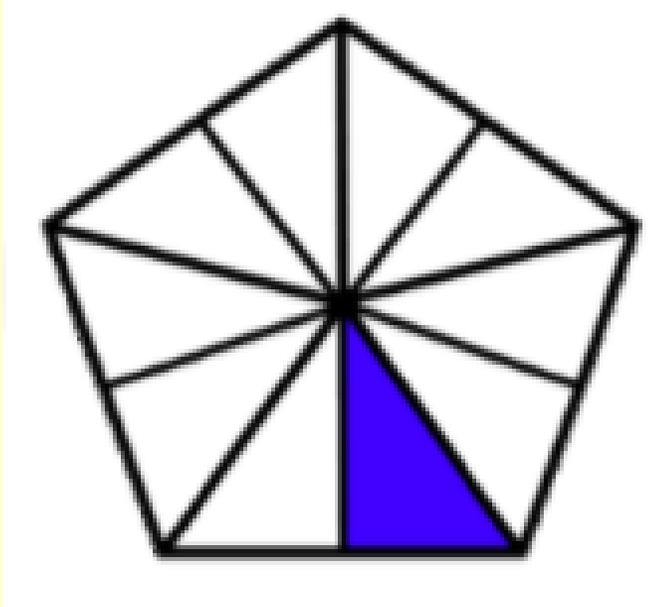
$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{2}$



What fraction is shown below?

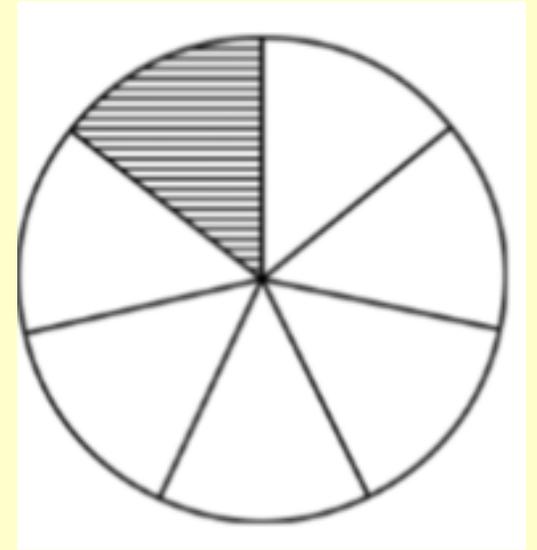
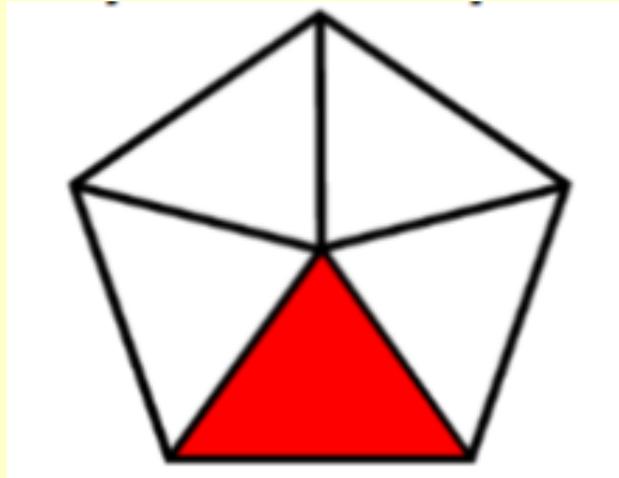
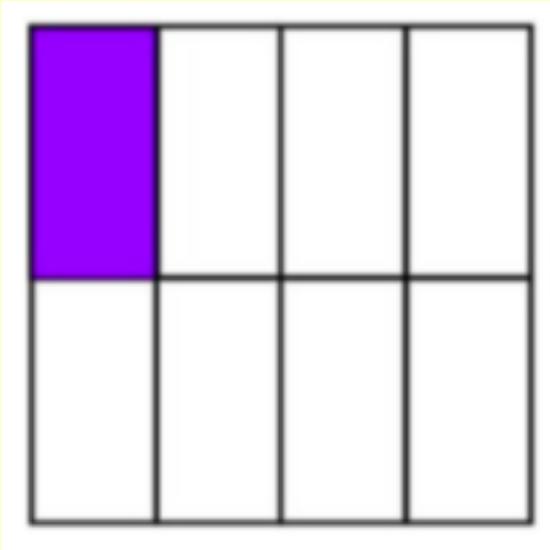


$$\frac{1}{10}$$

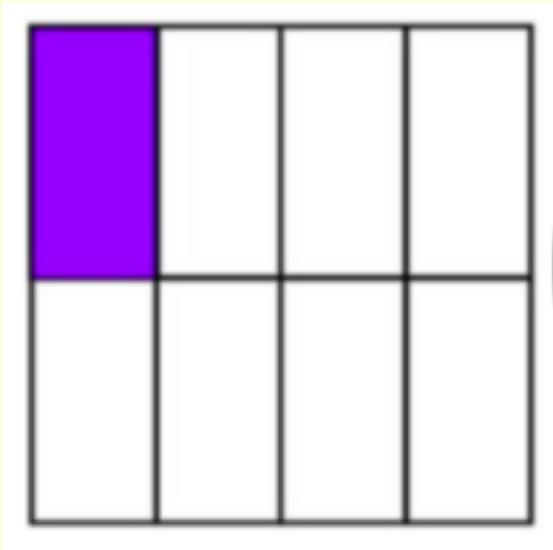
1. To work out the denominator, count how many pieces in total.
2. Now count how many pieces are shaded in.

One tenth.

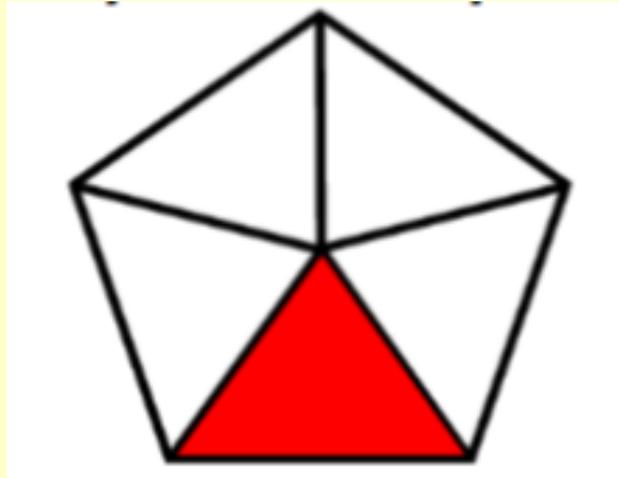
**Your turn,
What fractions are shown below?**



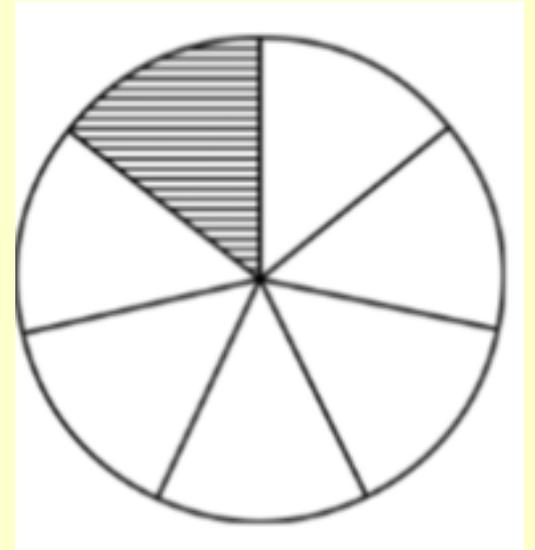
**Your turn,
What fractions are shown below?**



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



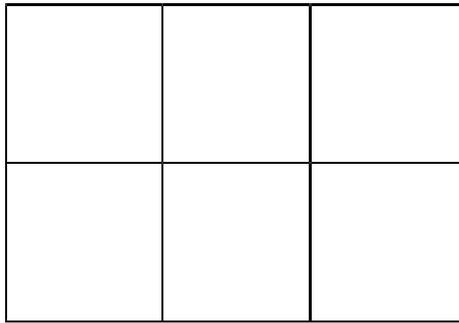
$$\frac{1}{5}$$



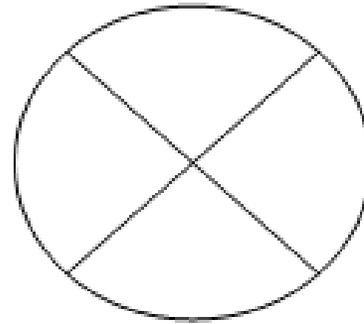
$$\frac{1}{7}$$

Shade the amount shown of each shape:

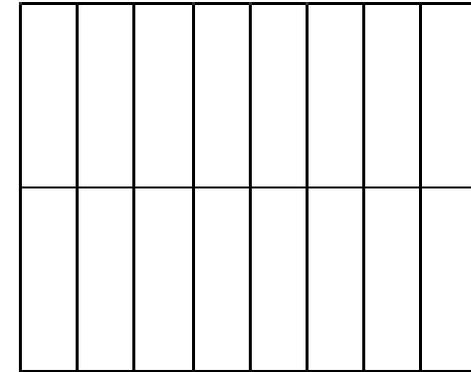
$\frac{1}{3}$



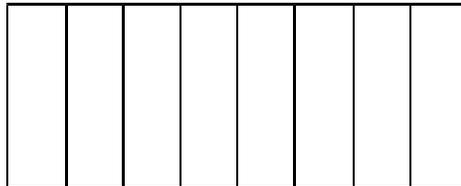
$\frac{1}{4}$



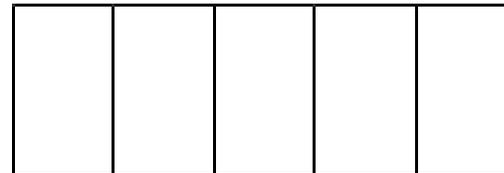
One half



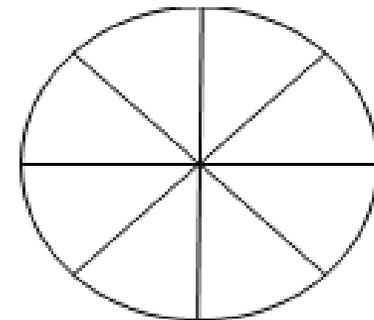
Seven eighths



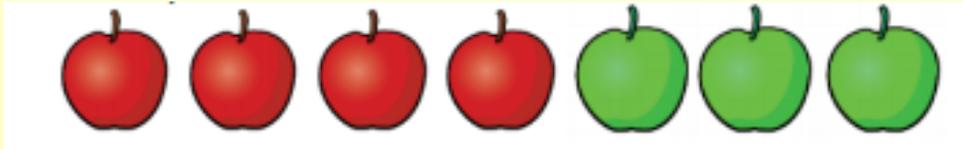
$\frac{3}{5}$



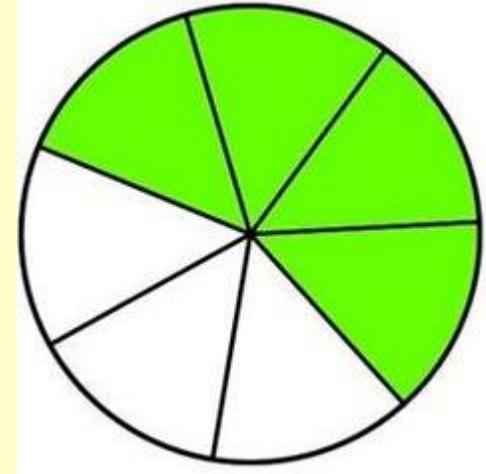
One quarter



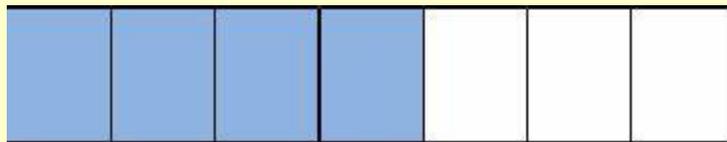
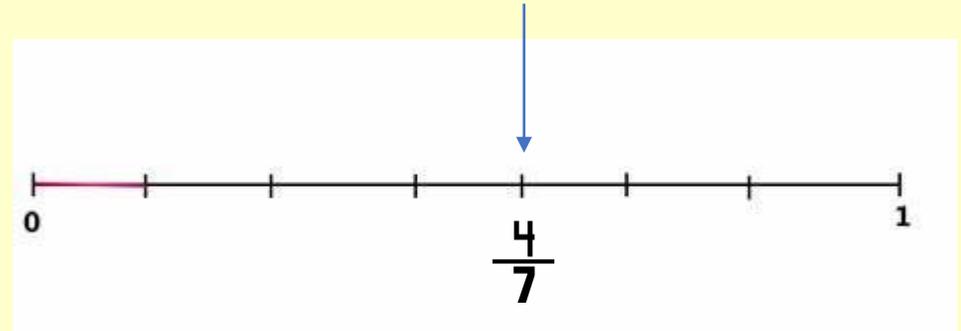
Remember there are lots of ways to represent fractions.



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



four sevenths



Well done, now start your worksheet!

