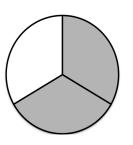
REPRESENTING FRACTIONS

fraction of a whole fraction of a region

A fraction of a whole (or region) uses one whole shape and divides it into equal sized sections



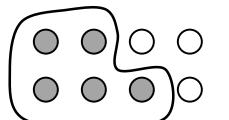
- $\frac{2}{3}$
- $\frac{5}{8}$

fraction of a set

A fraction of a set uses a set of many items as the whole, and some of them are grouped.



 $\frac{2}{3}$



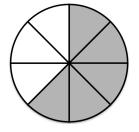
 $\frac{5}{8}$

The numbers used to create a fraction tell about the size of the fraction and the size of the whole.

The **numerator** tells how many parts are in the fraction are "used".

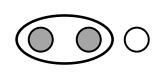
The **denominator** tells how many parts are needed to make a whole.

$\begin{array}{c} \text{numerator} \quad \underline{5} \\ \text{denominator} \quad 8 \end{array}$



- 5 pieces shaded
- 8 pieces in a whole

numerator $\frac{2}{3}$



- 2 shapes grouped
- 3 shapes in a whole set