

Understanding Fractions

Fractions are used to show part of a set.



The fraction of the shapes that are stars can be written as:

$$\frac{\text{Number of stars}}{\text{Total number of shapes}} = \frac{3}{7}$$

Fractions are used to show part of 1 whole.

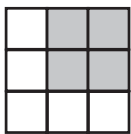


The length between 0 and 1 is divided into 4 equal sections. The fraction for the shaded section can be written as:

$$\frac{\text{Number of shaded sections}}{\text{Total number of sections}} = \frac{1}{4}$$

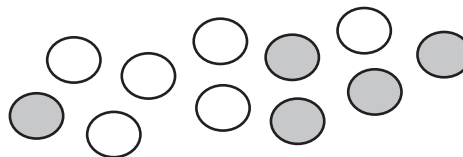
Write the fraction that represents the shaded portion.

1.



$$\frac{\text{Number of shaded parts}}{\text{Total number of parts}} = \frac{4}{9}$$

2.

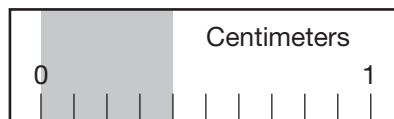


$$\frac{\text{Number of shaded circles}}{\text{Total number of circles}} = \frac{4}{10}$$

3.



4.



Draw models of fractions.

5. Draw a set and shade $\frac{2}{5}$.

6. Draw a whole and shade $\frac{3}{4}$.

7. **Number Sense** If you shade $\frac{1}{3}$ of a set, what fraction of the set is not shaded?
