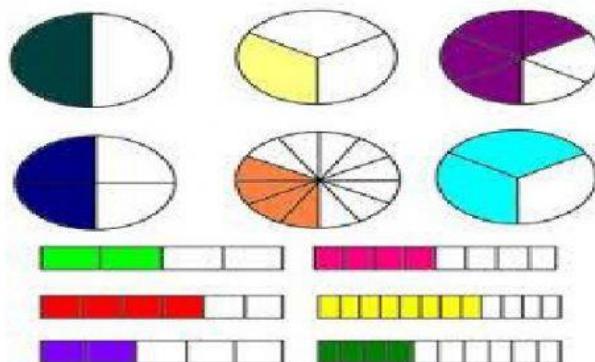


Fractions

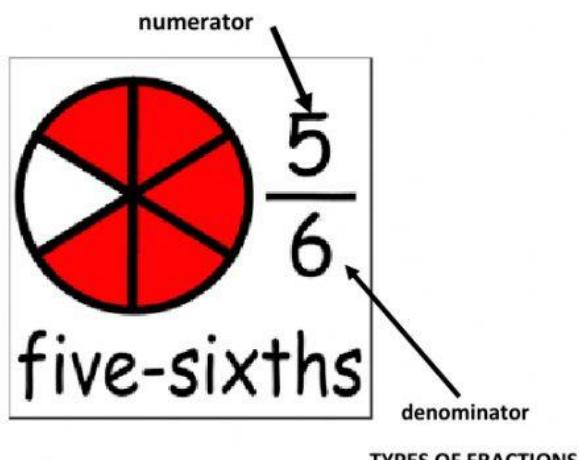
- A **fraction** is an equal part of a whole or a group of things.



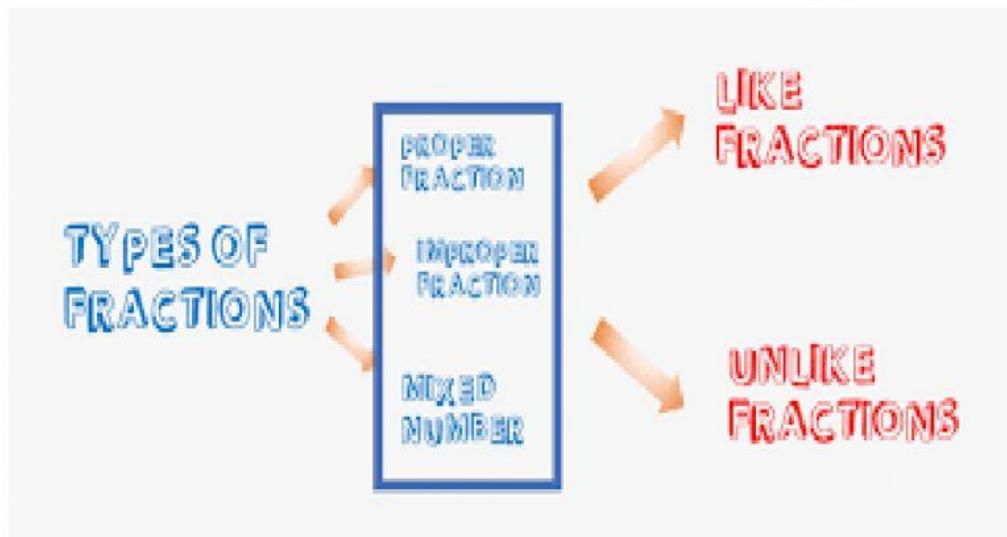
A fraction has two main parts.

The **numerator**- how many parts are taken out.

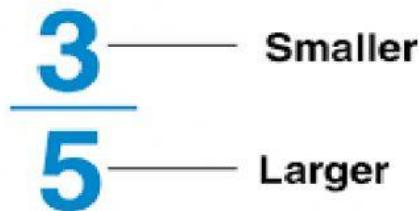
The **denominator**- how many parts the whole is divided into.



TYPES OF FRACTIONS



- **Proper fractions** are the fractions where the numerator is smaller than the denominator.



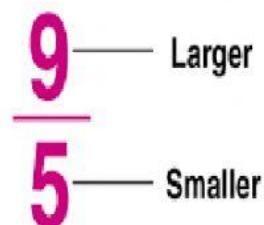
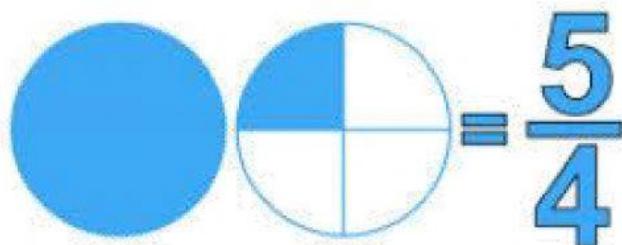
Proper Fraction

© Byju's.com

- **Improper fractions** are fractions where the numerator is bigger than the denominator.

$$\frac{2}{1} \quad \frac{4}{3} \quad \frac{8}{5}$$

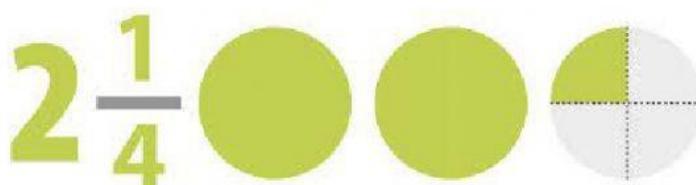
Improper fraction

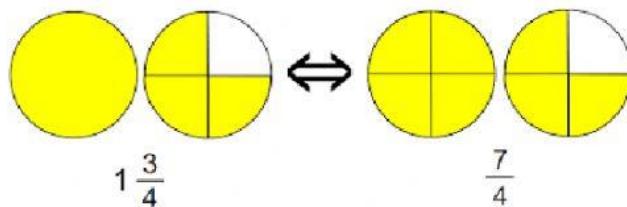


Improper Fraction

© Byju's.com

- **Mixed fraction** is simply an improper fraction written as the sum of a whole number and a proper fraction.

Mixed numbers can also be written as **improper fractions**.



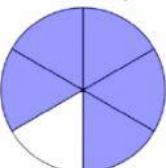
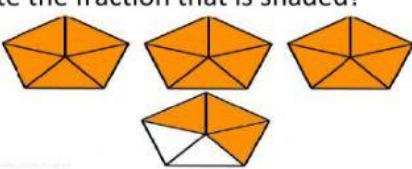
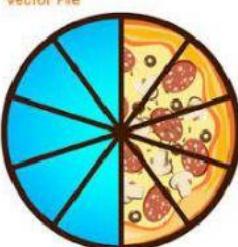
You can change an improper fraction to a mixed number.

$$\begin{array}{r} \frac{15}{7} \rightarrow 7 \overline{)15} \\ 7 \overline{)15} \rightarrow \textcolor{brown}{7} \overline{)15} \\ \quad \quad \quad \underline{-14} \\ \quad \quad \quad \textcolor{brown}{1} \end{array}$$

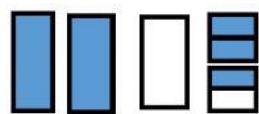
Answer = $2\frac{1}{7}$

Let's Practice

Complete the fraction table by writing the stated fraction for the object or objects and stating whether the fraction is **proper**, **improper** or **mixed**.

Object	Fraction	Type of Fraction
 1. What fraction of animals are fish?	_____	_____
2. What fraction of the shape is shaded? 	_____	_____
3. Write the fraction that is shaded? 	_____	_____
4. What fraction of the pizza is missing? 	_____	_____

5. Write the fraction of the shape that is unshaded?



—

—