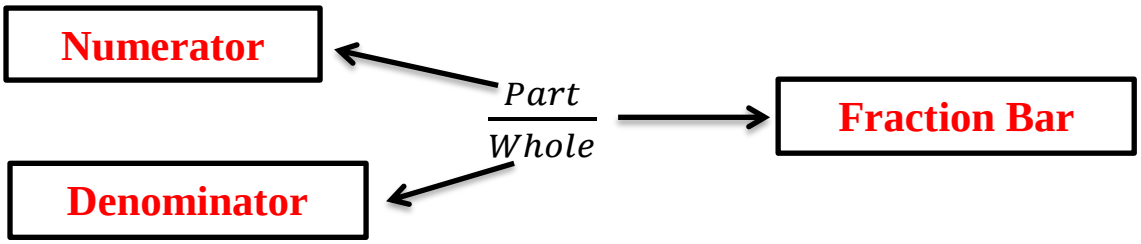
Chapter-7 Fractions

Points to Remember:-

1) A fraction means part of a whole. It has two parts – Numerator and Denominator.

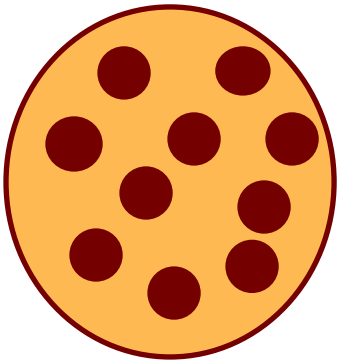


2) The numerator tells us how many number of equal parts taken.

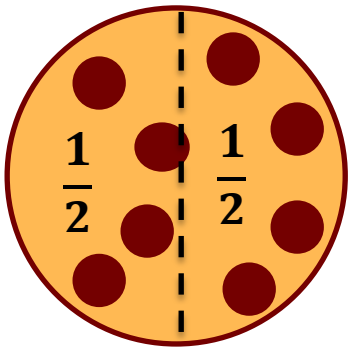
3) The denominator tells us total number of parts of the whole.

4) The line between the numerator and denominator is called Fraction bar.

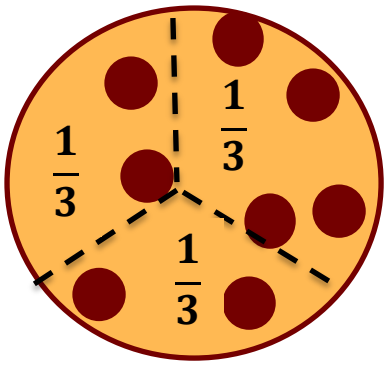
For example :- Let us take the example of a pizza.



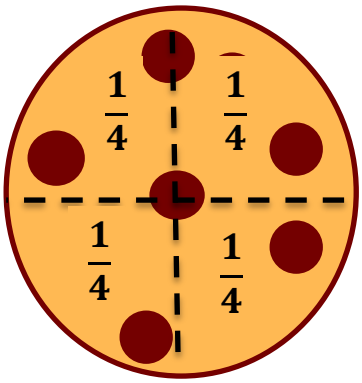
This is **whole.** It is denoted by **1**.



Each part is called as **one-half.** It is denoted by $\frac{1}{2}$.



Each part is called as **one-third.** It is denoted by $\frac{1}{3}$.



Each part is called as **one-fourth.** It is denoted by $\frac{1}{4}$.

Do this exercise along with homework in book only.

Self Practice 7A

1. Shade the following figures as per the given fraction.

In Q1. **(b)** and **(d)** are **home-work.**

(a)  $\frac{1}{2}$

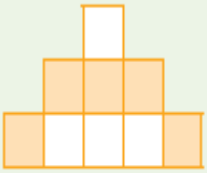
(b)  $\frac{1}{3}$

(c)  $\frac{1}{4}$

(d)  $\frac{7}{8}$

2. Write the fraction for the coloured region for each of the following.

In Q2. **(c)** and **(d)** are **home-work.**

(a)  $\frac{5}{9}$

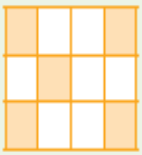
(b) 

(c)  $\frac{6}{12}$

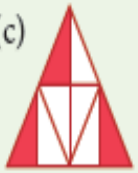
(d) 

3. Look at the figure and write fraction for unshaded part.

In Q3. **(b)** is **home-work**.

(a)  $\frac{7}{12}$

(b) 

(c)  $\frac{5}{8}$

4. Write the fraction that matches each name.

(a) One-third = $\frac{1}{3}$ (b) Seven-ninths = $\frac{7}{9}$ (c) Eleven-twentieths = $\frac{11}{20}$

5. Write the following fractions in words.

(a) $\frac{1}{7}$ = One sevenths (b) $\frac{3}{13}$ = Three thirteenths (c) $\frac{14}{17}$ = Fourteen seventeenths

6. Tick (✓) the suitable fraction for the coloured region.

In **Q6**. is home-work.

(a) 

$\frac{3}{8}, \frac{1}{3}, \frac{4}{5}$

(b) 

$\frac{4}{9}, \frac{5}{9}, \frac{1}{4}$

(c) 

$\frac{5}{8}, \frac{1}{5}, \frac{3}{8}$