FRACTIONS

(Making Fractions on the Number Line)

Fractions show part of a whole thing. Fractions almost always represent numbers between **0** and **1** i.e. they are greater than **0** and less than **1**.
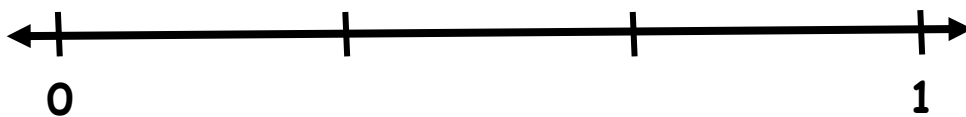
For example: $\dfrac{3}{8}$ ⟹ 3 equal parts of a whole thing which is divided in 8 parts.

Fractions can be shown on the number line in the following way.

First, draw a number line and mark 0 and 1 on its both the ends.

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←———————————————————————————→
0                            1
```

Divide the number line evenly by putting small marks on it. for example if you want to divide it into 3 parts, put 2 marks on it so that it gets divided in 3 parts.

```
←——————+——————+——————→
0                     1
```

Now mark the fractions on it like 1/3 , 2/3, 3/3 = 1(which is already there).

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←——————+——————+——————→
0      1      2      1 = 3
       ─      ─          ─
       3      3          3
```