

FRACTIONS

Page :

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What is a fraction?

A fraction is defined as the part of the whole thing, or whole object.

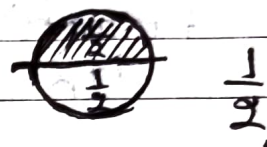
WHOLE :- A complete or full object is called a whole.

Fractions of a whole →

Half :-

When an object (whole) is divided into two equal parts, each part is half of the whole.

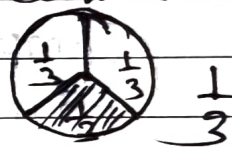
Half is written as $\frac{1}{2}$.



One-third :-

When an object (whole) is divided into three equal parts, each part is called one-third of the whole.

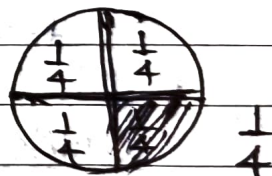
One-third is written as $\frac{1}{3}$.



One-fourth :-

When an object is divided into 4 equal parts, each part is called one-fourth of the whole or a quarter.

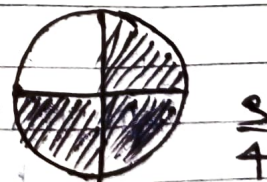
One-fourth is written as $\frac{1}{4}$.



Three-fourths :-

When an object (whole) is divided into 4 equal parts and 3 parts out of 4 equal parts is called three-fourths.

Three-fourths is written as $\frac{3}{4}$.



Three-fourths is also called as 3 quarters.

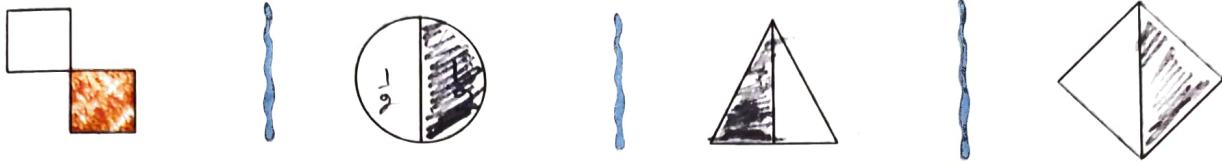
EXERCISE 9.1

DO in your book.

Colour it if you get all your sums right.



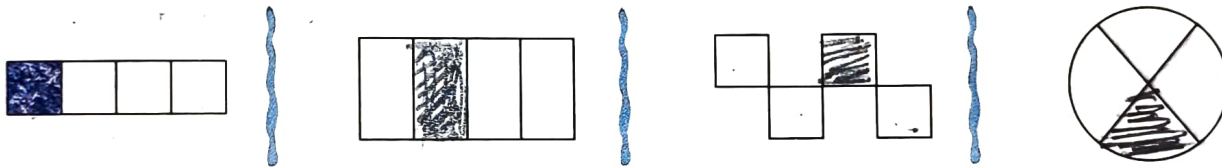
A. Colour $\frac{1}{2}$ of each shape.



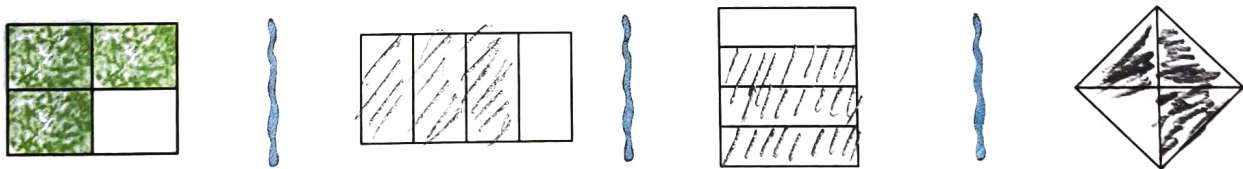
B. Colour $\frac{1}{3}$ of each shape.



C. Colour $\frac{1}{4}$ of each shape.



D. Colour $\frac{3}{4}$ of each shape.



E. Shade the figures to show the given fractions.

