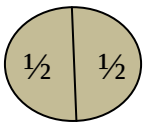
Chapter 8: Introduction to Fractions

Burger Party

Ravi and Anand are happy today. Mother made burger for them. They want to share the burger equally.

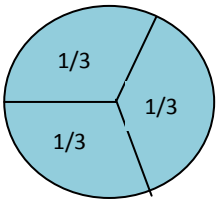
When they divided the burger into two equal parts, each part is called a half.



Half is written as 1/2.

Two halves make a whole. Mother felt happy and gave them a pie. Ravi and Aanand want to make it into 3 parts to share with their mother.

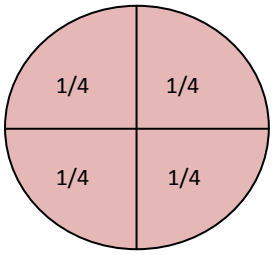
Each got one part out of three (one-third). One third is written as 1/3.



Three one-thirds make a whole.

Father bought pizza in the evening. They shared it equally. Mother made 4 equal parts of it. Each got a quarter (one-fourth).

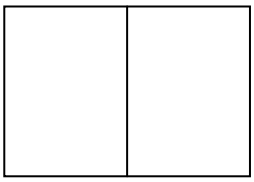
Quarter or one-fourth is written as 1/4.

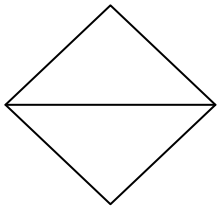


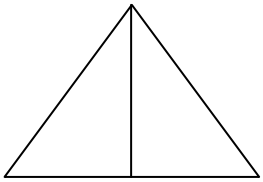
Four quarters make a whole.

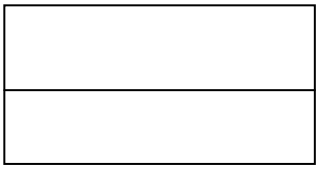
Exercise 8.1:

1) Colour 1/2 (half) of the picture:

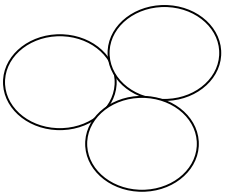
a) 

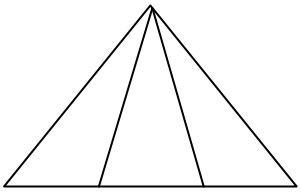
b) 

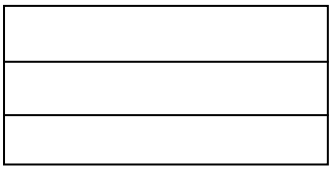
c) 

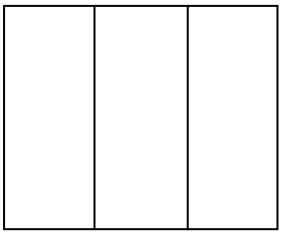
d) 

2) Shade 1/3 (one-third) of the picture:

a) 

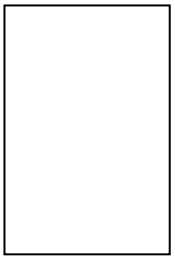
b) 

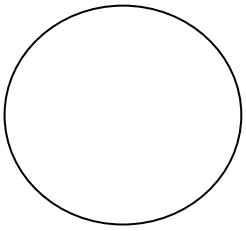
c) 

d) 

3) Divide each figure into four parts and shade 1/4.

a)

b) 

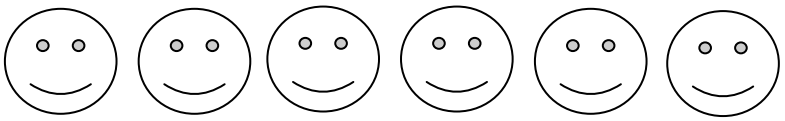
c) 

d)

Train Your Brain

1) Divide equally and colour 1/2 of it with orange.

2) Divide into three equal parts and colour 1/3 (one-third) of it with blue.



3) Divide each shape and set into 4 equal parts and colour 1/4 (quarter) of it with pink.

4) Meena is holding 4 balloons. Half of the balloons flew off from her hand. How many balloons are left with her?

5) Meena ate 1/4 of a chocolate. Her friend ate 1/4. How much chocolate is left now?

6) Show the fractions by colouring the sets.

Fun in Math Lab (with bindis)

Acivity : Individual activity.

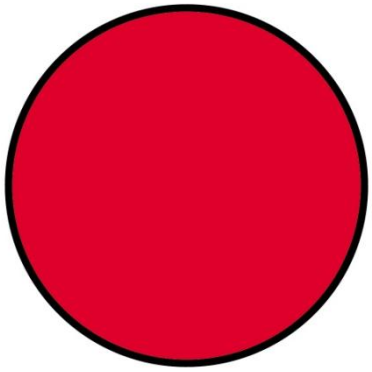
Requirements : White paper , scissors, crayons, glue.

Procedure : Take white paper and cut in to a circle. Colour one side of circle and paste sticker – whole.

Fold it to half so that coloured portion go in side. Colour the half portion with another colour and paste sticker – half.

Fold the paper again to get white paper out and colour the quarter portion with another colour. Paste sticker – quarter.

Open the circle and see all the fractions.



Circle

Half-Circle

Quarter-Circle

Mental Ability

Write the fraction for given pictures.