



Fractions Ex 6.1 Q1

Answer :

$$\text{Fraction of the shaded portion} = \frac{\text{Number of shaded parts}}{\text{Total number of parts}}$$

(i) Total number of parts = 3

Number of shaded parts = 2

$$\text{Fraction of the shaded portion} = \frac{2}{3}$$

(ii) Total number of parts = 15

Number of shaded parts = 11

$$\text{Fraction of the shaded portion} = \frac{11}{15}$$

(iii) Total number of parts = 9

Number of shaded parts = 8

$$\text{Fraction of the shaded portion} = \frac{8}{9}$$

(iv) Total number of parts = 7

Number of shaded parts = 3

$$\text{Fraction of the shaded portion} = \frac{3}{7}$$

(v) Total number of parts = 9

Number of shaded parts = 4

$$\text{Fraction of the shaded portion} = \frac{4}{9}$$

(vi) Total number of parts = 4

Number of shaded parts = 2

$$\text{Fraction of the shaded portion} = \frac{2}{4} = \frac{1}{2}$$

(vii) Total number of parts = 2

Number of shaded parts = 1

$$\text{Fraction of the shaded portion} = \frac{1}{2}$$

(viii) Total number of parts = 5

Number of shaded parts = 1

$$\text{Fraction of the shaded portion} = \frac{1}{5}$$

(ix) Total number of parts = 4

Number of shaded parts = 1

$$\text{Fraction of the shaded portion} = \frac{1}{4}$$

Fractions Ex 6.1 Q2

Answer :

$$\text{Fraction of the shaded portion} = \frac{\text{Number of shaded parts}}{\text{Total number of parts}}$$

(i) Total number of parts = 9

Number of shaded parts = 3

$$\text{Fraction of the shaded portion} = \frac{3}{9} = \frac{1}{3}$$

(ii) Total number of parts = 8

Number of shaded parts = 5

$$\text{Fraction of the shaded portion} = \frac{5}{8}$$

(iii) Total number of parts = 12

Number of shaded parts = 3

$$\text{Fraction of the shaded portion} = \frac{3}{12} = \frac{1}{4}$$

(iv) Total number of parts = 10

Number of shaded parts = 5

$$\text{Fraction of the shaded portion} = \frac{5}{10} = \frac{1}{2}$$

Fractions Ex 6.1 Q3

Answer :

(i) Total number of portions = 2

Number of shaded portions = 1

$$\text{Fraction of the shaded portions} = \frac{\text{Number of shaded portions}}{\text{Total number of portions}} = \frac{1}{2}$$

(ii) Total number of portions = 8

Number of shaded portions = 4

$$\text{Fraction of the shaded portions} = \frac{\text{Number of shaded portions}}{\text{Total number of portions}} = \frac{4}{8}$$

***** END *****