STANDARD 6TH: CHAPTER 11

Ratio & Proportion

Q.1 Find ratio between 270 & 720

  a) 8:3   b) 2:7   c) 3:8   d) 1:3

Q.2 Find ratio between 1 hr. & 40 min.

  a) 1:40   b) 3:2   c) 2:3   d) 40:1

Q.3 Find x in x :2 = 20:40

  a) 1   b) 4   c) 400   d) 30

Q.4 Ratio of boys & girls is 3:5. Total students are 1024. Find no. of boys

  a) 128   b) 640   c) 512   d) 384

Q.5 Which of following ratio is equivalent to 2:3

  a) 3:2   b) 12:18   c) $\frac{1}{2} : \frac{1}{3}$ d) 7:8

Q.6 Ratio between 2 quantities is 6:11. One is 480, find other.

  a) 520   b) 308   c) 880   d) 480

Q.7 Find lowest form of 480:630

  a) 48:63   b) 16:21   c) 4:6   d) 8: 3

Q.8 Find lowest term of 256:32

a) 8:1   b) 16:2   c) 4:3   d) 64:8

Q.9 Find ratio between 10 km & 700 m

  a) 1:70   b) 1:7   c) 100:7   d) 1000:7

Q.10 Find ratio of 1st quantity with 2nd

1) 40 Rs. 80 paise   2) 15 minutes:2 hrs.   3) 2 l :250 ml

Q.11   Ratio of ages of Father & Son is 5:2. If Father is 45 yrs. Old, find Son's age.

Q.12   A man has dogs, cats & horses in ratio 2:4:1   He has total 14 animals. Find no. of dogs.

Q.13 Today Suresh is 12 yrs. Old & his father is 42 yrs. Old His mother is 6 yrs.

     Younger than his father. Find

a) Ratio of Suresh's age & mother's age
b) Ratio of mother's age & father's age
c) Ratio of Suresh's age & mother's age 4 yrs. Ago present ages are Suresh 12, father 42, mother 36

Q.14 If 20 mtr. Cloth costs Rs. 3,600, find cost of 16m cloth.

Q.15 Find cost of 8 kg. rice if 10 kg. costs 325 Rs.

Q.16   Weight of 30 boxes is 6 kg. Find wt. of 1,080 boxes.

Q.17   A Tractor uses 12 lit diesels to plough 3 acres of land. How much diesel

   is needed to plough 19 acres land?

Q.18   A Car travelling at uniform speed covers 165 km in 3 hrs. With same speed –

    a) how long it'll take to travel 330   b) how far it'll travel in 8 hrs.

Q.19   In an orchard, there are 128 Mango trees in 8 rows. If all rows have

    equal no. of trees.   How many trees are there in 13 rows?

.

Q.20   If 14 Chairs cost Rs. 5,992, What's cost of 22 Chairs?