



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?