



1. Find the ratio between 9 m and 10 km
(i) 8:10000 (ii) 9:10002 (iii) 9:9997 (iv) 9:10000
2. The simplest form of 240:176 =
(i) 15:8 (ii) 240:176 (iii) 14:11 (iv) 16:11 (v) 15:11
3. If 16 men can make 32 toys in a day, how many toys are made by 19 men in a day?
(i) 39 (ii) 37 (iii) 38 (iv) 41 (v) 35
4. The sales tax for ₹100 of a bill is ₹16. How much sales tax has to be paid for a bill of ₹273 ?
(i) ₹48.68 (ii) ₹43.68 (iii) ₹46.68 (iv) ₹40.68 (v) ₹38.68
5. Find the product of extremes of $\frac{17}{7} : \frac{11}{7}$ and $\frac{18}{17} : \frac{8}{5}$
(i) $\frac{198}{119}$ (ii) $\frac{134}{35}$ (iii) $\frac{136}{33}$ (iv) $\frac{138}{35}$ (v) $\frac{136}{35}$
6. The fraction equivalent of the ratio 89:92 =
(i) $\frac{91}{92}$ (ii) $\frac{92}{89}$ (iii) $\frac{89}{92}$ (iv) $\frac{89}{90}$ (v) $\frac{87}{92}$
7. A group of pilgrims have to cover 15 km to reach a shrine. They walk 10 km in 19 hr. At what speed they have to walk to cover the remaining distance in 5 hr ?
(i) 2.00 kmph (ii) 1.00 kmph (iii) 3.00 kmph (iv) 0.00 kmph (v) 9.00 kmph
8. The fraction equivalent of the ratio 4:10 =
(i) $\frac{1}{5}$ (ii) $\frac{4}{10}$ (iii) $\frac{10}{4}$ (iv) $\frac{3}{5}$ (v) $\frac{1}{2}$
9. A banker gave foreign exchange of \$20 for ₹880. How many dollars will the customer get for ₹1628 ?
(i) \$34 (ii) \$37 (iii) \$42 (iv) \$40 (v) \$32
10. If 117 men can do a piece of work in 110 days, how many men can do the same work in 143 days?
(i) 92 (ii) 89 (iii) 90 (iv) 87 (v) 91
11. A vehicle can cover certain distance in 88 min, running at a speed of 182 kmph. At what speed must the vehicle run to cover the same distance in 104 min?
(i) 154 kmph (ii) 136 kmph (iii) 177 kmph (iv) 171 kmph (v) 130 kmph
12. Find the missing value in the equation ____ : 1 = 16 : 8
(i) 1 (ii) 3 (iii) 2 (iv) (-1) (v) 5

13. Find the missing value in the equation $38:1 = \underline{\hspace{1cm}}:8$

- (i) 303 (ii) 302 (iii) 307 (iv) 304 (v) 305

14. Find the product of means of $5:10$ and $8:15$

- (i) 82 (ii) 80 (iii) 79 (iv) 75 (v) 78

15. If 12 l of cooking oil costs ₹144, how much will 32 l cost?

- (i) ₹400 (ii) ₹377 (iii) ₹362 (iv) ₹384 (v) ₹409

16. Divide 20540 in the ratio $23 : 16 : 13$

- (i) 9085 , 6317 , 5135 (ii) 9086 , 6320 , 5135 (iii) 9085 , 6320 , 5135 (iv) 9084 , 6320 , 5135
(v) 9085 , 6323 , 5135

17. If Ramu can read 209 pages in 11 hr, how many pages can he read in 16 hr?

- (i) 303 (ii) 304 (iii) 305 (iv) 302 (v) 307

18. 11 mangoes weigh 9 kg. If 8 mangoes are needed, how many kgs have to be purchased?

- (i) 8.55 kg (ii) 7.55 kg (iii) 4.55 kg (iv) 5.55 kg (v) 6.55 kg

19. 35 men or 70 women can earn ₹3500 per day. How much is earned by 17 men and 10 women in a day?

- (i) ₹2260 (ii) ₹1940 (iii) ₹2120 (iv) ₹2430 (v) ₹2200

20. The cost of 20 pens is ₹220 and 11 pencils is ₹99. With an amount of ₹255, 10 pencils are purchased. How many pens can be purchased with the remaining amount ?

- (i) 16 (ii) 17 (iii) 14 (iv) 13 (v) 15

21. Find the product of extremes of $8:3$ and $1:3$

- (i) 3 (ii) 22 (iii) 23 (iv) 24 (v) 27

22. If 14 l of fruit drink costs ₹252, how much of fruit drink costs ₹666?

- (i) 32 l (ii) 34 l (iii) 40 l (iv) 42 l (v) 37 l

23. A ratio is equal to $133 : 80$. If its antecedent is 532, what is its consequent?

- (i) 322 (ii) 321 (iii) 317 (iv) 319 (v) 320

24. 15 m of cloth is required to stitch 5 dresses. How many meters of cloth is required to stitch 17 dresses?

- (i) 46.00 m (ii) 51.00 m (iii) 48.00 m (iv) 56.00 m (v) 54.00 m

25. The specification on a printer says that it prints 2250 pages in 25 min. If 5850 pages have to be printed, how long will it take ?

- (i) 65 min (ii) 62 min (iii) 68 min (iv) 70 min (v) 60 min

Assignment Key

1) (iv)	2) (v)	3) (iii)	4) (ii)	5) (v)	6) (iii)
7) (ii)	8) (ii)	9) (ii)	10) (iii)	11) (i)	12) (iii)
13) (iv)	14) (ii)	15) (iv)	16) (iii)	17) (ii)	18) (v)
19) (v)	20) (v)	21) (iv)	22) (v)	23) (v)	24) (ii)
25) (i)					