



1. The ratio equivalent of the fraction $\frac{2}{3} =$

- (i) 2:6 (ii) 1:3 (iii) 2:3 (iv) 2:0 (v) 3:2

2. The ratio equivalent of the fraction $\frac{43}{45} =$

- (i) 45:43 (ii) 42:45 (iii) 43:42 (iv) 43:48 (v) 43:45

3. The fraction equivalent of the ratio 10:7 =

- (i) $\frac{12}{7}$ (ii) $\frac{7}{10}$ (iii) $\frac{10}{7}$ (iv) 2 (v) $\frac{8}{7}$

4. The fraction equivalent of the ratio 26:49 =

- (i) $\frac{24}{49}$ (ii) $\frac{49}{26}$ (iii) $\frac{4}{7}$ (iv) $\frac{26}{47}$ (v) $\frac{26}{49}$

5. The antecedent in the ratio 11:1 =

- (i) -2 (ii) 11 (iii) 10 (iv) 14 (v) 1

6. The antecedent in the ratio $\frac{17}{4} : \frac{5}{2} =$

- (i) $\frac{19}{4}$ (ii) $\frac{17}{2}$ (iii) $\frac{5}{2}$ (iv) $\frac{3}{2}$ (v) $\frac{17}{4}$

7. The consequent in the ratio 18:16 =

- (i) 16 (ii) 15 (iii) 18

8. The consequent in the ratio $\frac{1}{18} : \frac{19}{15} =$

- (i) $\frac{7}{5}$ (ii) $\frac{19}{15}$ (iii) $\frac{19}{13}$ (iv) $\frac{1}{18}$ (v) $(\frac{-1}{18})$

9. The simplest form of 24:32 =

- (i) 3:4 (ii) 24:34 (iii) 2:4 (iv) 4:4 (v) 3:2

10. Find the missing value in the equation ____:6=24:6

- (i) 27 (ii) 23 (iii) 21 (iv) 24 (v) 25

11. Find the missing value in the equation 14:____=70:5

- (i) 1 (ii) (-2) (iii) 4 (iv) 2 (v) 0

12. Find the missing value in the equation $38:1 = \underline{\hspace{1cm}}:3$

- (i) 113 (ii) 115 (iii) 111 (iv) 117 (v) 114

13. Find the missing value in the equation $40:10 = 36:\underline{\hspace{1cm}}$

- (i) 11 (ii) 7 (iii) 8 (iv) 9 (v) 10

14. Which of the ratios is proportional to $20:5$?

- (i) $33:8$ (ii) $32:6$ (iii) $32:11$ (iv) $32:8$ (v) $31:8$

15. A ratio is equal to $9:5$. If its antecedent is 1764, what is its consequent?

- (i) 982 (ii) 979 (iii) 978 (iv) 980 (v) 981

16. A ratio is equal to $7:2$. If its consequent is 570, what is its antecedent?

- (i) 1996 (ii) 1994 (iii) 1993 (iv) 1998 (v) 1995

17. Find the ratio between 7 months and 5 years 8 months

- (i) $7:66$ (ii) $7:68$ (iii) $6:68$ (iv) $7:71$

18. Find the number which bears the same ratio to $\frac{2}{3}$ that $\frac{4}{8}$ does to $\frac{7}{6}$

- (i) 0 (ii) $\frac{2}{5}$ (iii) $\frac{4}{7}$ (iv) $\frac{2}{9}$ (v) $\frac{2}{7}$

19. Find the ratio between 10 months and 10 years

- (i) $1:12$ (ii) $1:14$ (iii) $1:10$ (iv) $0:12$

20. Find the ratio between 35 min and 9 hr

- (i) $7:110$ (ii) $7:108$ (iii) $6:108$ (iv) $7:106$

21. Find the ratio between 10 m and 10 km

- (i) $1:1000$ (ii) $0:1000$ (iii) $1:997$ (iv) $1:1003$

22. Find the ratio between 10 gm and 10 kg

- (i) $0:1000$ (ii) $1:1000$ (iii) $1:1003$ (iv) $1:998$

23. Find the ratio between 10 l and 7 kl

- (i) $1:703$ (ii) $1:700$ (iii) $1:698$ (iv) $0:700$

24. Find the ratio between 16 hr and 9 days

- (i) $2:30$ (ii) $2:25$ (iii) $2:27$ (iv) $1:27$

25. If 13 dresses cost ₹65, how much will 28 dresses cost?

- (i) ₹165 (ii) ₹143 (iii) ₹140 (iv) ₹133 (v) ₹128

26. If 11 sweet packets cost ₹66, how many sweet packets can be purchased with ₹204?

- (i) 37 (ii) 32 (iii) 33 (iv) 34 (v) 35

27. If 10 l of fruit drink costs ₹120, how much will 26 l cost?
(i) ₹315 (ii) ₹327 (iii) ₹312 (iv) ₹299 (v) ₹300
28. If 6 l of petrol costs ₹66, how much of petrol costs ₹418?
(i) 33 l (ii) 41 l (iii) 43 l (iv) 38 l (v) 35 l
29. If 16 men can make 96 baskets in a day, how many baskets are made by 19 men in a day?
(i) 113 (ii) 112 (iii) 114 (iv) 116 (v) 115
30. If 20 men can make 140 baskets in a day, how many men are needed to make 140 baskets in a day?
(i) 20 (ii) 19 (iii) 21 (iv) 23 (v) 17
31. If Bali can read 176 pages in 11 hr, how many pages can he read in 15 hr?
(i) 241 (ii) 240 (iii) 243 (iv) 239 (v) 237
32. If Karthik can read 280 pages in 20 hr, he can read 252 pages in how many hours?
(i) 23 hr (ii) 15 hr (iii) 21 hr (iv) 18 hr (v) 13 hr
33. The cost of 20 kg of tomatoes is ₹480. How many kgs of tomatoes can be purchased with ₹576 ?
(i) 29 kg (ii) 24 kg (iii) 27 kg (iv) 21 kg (v) 19 kg
34. The cost of 11 kg of tomatoes is ₹319. How much has to be paid to purchase 23 kg of tomatoes ?
(i) ₹667 (ii) ₹650 (iii) ₹692 (iv) ₹681
35. The weight of 20 rounds of copper wire is 480 kg. How many rounds of copper wire is present in 576 kg?
(i) 25 (ii) 26 (iii) 23 (iv) 24 (v) 21
36. A bus ticket fare for 11 km costs ₹50. How much is the fare for 20 km?
(i) ₹95.91 (ii) ₹87.91 (iii) ₹90.91 (iv) ₹93.91 (v) ₹85.91
37. The sales tax for ₹100 of a bill is ₹11. How much sales tax has to be paid for a bill of ₹345 ?
(i) ₹37.95 (ii) ₹40.95 (iii) ₹34.95 (iv) ₹32.95 (v) ₹42.95
38. To stitch a shirt, 200 cm of cloth is needed. How much cloth is needed to stitch 7 shirts ?
(i) 1270 cm (ii) 1560 cm (iii) 1320 cm (iv) 1400 cm (v) 1580 cm
39. 13 m of cloth is required to stitch 5 dresses. How many meters of cloth is required to stitch 15 dresses?
(i) 39.00 m (ii) 42.00 m (iii) 36.00 m (iv) 34.00 m (v) 44.00 m
40. The cost of 7 dozen bananas is ₹315. What is the cost of 20 dozens ?
(i) ₹900 (ii) ₹925 (iii) ₹897 (iv) ₹902 (v) ₹878
41. 14 mangoes weigh 6 kg. If 5 mangoes are needed, how many kgs have to be purchased?
(i) 3.14 kg (ii) 0.14 kg (iii) 4.14 kg (iv) 2.14 kg (v) 1.14 kg
42. The specification on a printer says that it prints 1400 pages in 20 min. If 5600 pages have to be printed, how long will it take ?
(i) 80 min (ii) 83 min (iii) 85 min (iv) 75 min (v) 77 min

43. 18 gm of gold costs ₹41400. What is the cost of 21 gm ?

(i) ₹49100 (ii) ₹48300 (iii) ₹51100 (iv) ₹46800 (v) ₹48000

44. A banker gave foreign exchange of \$11 for ₹462. How many dollars will the customer get for ₹1344 ?

(i) \$29 (ii) \$27 (iii) \$37 (iv) \$32 (v) \$35

Assignment Key

1) (iii)	2) (v)	3) (iii)	4) (v)	5) (ii)	6) (v)
7) (i)	8) (ii)	9) (i)	10) (iv)	11) (i)	12) (v)
13) (iv)	14) (iv)	15) (iv)	16) (v)	17) (ii)	18) (v)
19) (i)	20) (ii)	21) (i)	22) (ii)	23) (ii)	24) (iii)
25) (iii)	26) (iv)	27) (iii)	28) (iv)	29) (iii)	30) (i)
31) (ii)	32) (iv)	33) (ii)	34) (i)	35) (iv)	36) (iii)
37) (i)	38) (iv)	39) (i)	40) (i)	41) (iv)	42) (i)
43) (ii)	44) (iv)				