



1. The ratio equivalent of the fraction $\frac{5}{2} =$

- (i) 4:2 (ii) 2:5 (iii) 5:-1 (iv) 5:2 (v) 5:4

2. The ratio equivalent of the fraction $\frac{73}{70} =$

- (i) 70:73 (ii) 72:70 (iii) 73:72 (iv) 73:70 (v) 73:67

3. The fraction equivalent of the ratio 9:8 =

- (i) $\frac{11}{8}$ (ii) $\frac{3}{2}$ (iii) $\frac{8}{9}$ (iv) $\frac{9}{8}$ (v) $\frac{7}{8}$

4. The fraction equivalent of the ratio 17:47 =

- (i) $\frac{17}{45}$ (ii) $\frac{15}{47}$ (iii) $\frac{17}{47}$ (iv) $\frac{47}{17}$ (v) $\frac{19}{47}$

5. The antecedent in the ratio 5:10 =

- (i) 7 (ii) 8 (iii) 4 (iv) 5 (v) 10

6. The antecedent in the ratio $\frac{19}{20} : \frac{4}{15} =$

- (i) $\frac{21}{20}$ (ii) $\frac{4}{15}$ (iii) $\frac{19}{18}$ (iv) $\frac{2}{15}$ (v) $\frac{19}{20}$

7. The consequent in the ratio 12:7 =

- (i) 9 (ii) 12 (iii) 10 (iv) 6 (v) 7

8. The consequent in the ratio $\frac{11}{17} : \frac{16}{3} =$

- (i) 16 (ii) $\frac{9}{17}$ (iii) $\frac{11}{17}$ (iv) $\frac{16}{3}$ (v) 6

9. The simplest form of 36:8 =

- (i) 8:2 (ii) 9:2 (iii) 36:10 (iv) 9:0 (v) 10:2

10. Find the missing value in the equation ____ : 5 = 36 : 6

- (i) 29 (ii) 31 (iii) 30 (iv) 27 (v) 32

11. Find the missing value in the equation 18 : ____ = 30 : 5

- (i) 0 (ii) 6 (iii) 3 (iv) 4 (v) 2

12. Find the missing value in the equation $54:9 = \underline{\quad}:5$
(i) 31 (ii) 28 (iii) 30 (iv) 33 (v) 29
13. Find the missing value in the equation $4:1 = 32:\underline{\quad}$
(i) 8 (ii) 9 (iii) 10 (iv) 5 (v) 7
14. Which of the ratios is proportional to $12:3$?
(i) $37:9$ (ii) $36:12$ (iii) $36:6$ (iv) $35:9$ (v) $36:9$
15. A ratio is equal to $12:17$. If its antecedent is 840, what is its consequent?
(i) 1191 (ii) 1190 (iii) 1192 (iv) 1189 (v) 1187
16. A ratio is equal to $7:15$. If its consequent is 4095, what is its antecedent?
(i) 1911 (ii) 1909 (iii) 1914 (iv) 1912 (v) 1910
17. Find the ratio between 8 months and 3 years 8 months
(i) $2:13$ (ii) $2:11$ (iii) $1:11$ (iv) $2:8$
18. Find the number which bears the same ratio to $\frac{2}{8}$ that $\frac{3}{4}$ does to $\frac{3}{8}$
(i) $\frac{9}{20}$ (ii) $\frac{1}{2}$ (iii) $\frac{7}{18}$ (iv) $\frac{9}{16}$ (v) $\frac{11}{18}$
19. Find the ratio between 11 months and 5 years
(i) $11:60$ (ii) $11:63$ (iii) $10:60$ (iv) $11:58$
20. Find the ratio between 45 min and 45 hr
(i) $1:58$ (ii) $1:63$ (iii) $1:60$ (iv) $0:60$
21. Find the ratio between 4 m and 4 km
(i) $1:1000$ (ii) $1:1003$ (iii) $0:1000$ (iv) $1:998$
22. Find the ratio between 10 gm and 6 kg
(i) $1:600$ (ii) $1:602$ (iii) $0:600$ (iv) $1:597$
23. Find the ratio between 3 l and 9 kl
(i) $0:3000$ (ii) $1:2997$ (iii) $1:3002$ (iv) $1:3000$
24. Find the ratio between 5 hr and 11 days
(i) $5:266$ (ii) $5:264$ (iii) $4:264$ (iv) $5:262$
25. If 15 pencils cost ₹75, how much will 32 pencils cost?
(i) ₹176 (ii) ₹146 (iii) ₹153 (iv) ₹160 (v) ₹165
26. If 9 books cost ₹54, how many books can be purchased with ₹192?
(i) 30 (ii) 33 (iii) 32 (iv) 35 (v) 31

27. If 14 l of mustard oil costs ₹182, how much will 26 l cost?
(i) ₹325 (ii) ₹364 (iii) ₹340 (iv) ₹338 (v) ₹323
28. If 11 l of butter milk costs ₹165, how much of butter milk costs ₹450?
(i) 25 l (ii) 35 l (iii) 30 l (iv) 27 l (v) 33 l
29. If 17 men can make 68 chairs in a day, how many chairs are made by 20 men in a day?
(i) 80 (ii) 83 (iii) 79 (iv) 81 (v) 77
30. If 15 men can make 75 baskets in a day, how many men are needed to make 125 baskets in a day?
(i) 24 (ii) 26 (iii) 25 (iv) 23 (v) 27
31. If Sunny can read 140 pages in 10 hr, how many pages can he read in 15 hr?
(i) 207 (ii) 210 (iii) 211 (iv) 213 (v) 209
32. If Anil can read 180 pages in 10 hr, he can read 270 pages in how many hours?
(i) 20 hr (ii) 12 hr (iii) 10 hr (iv) 15 hr (v) 18 hr
33. The cost of 21 kg of brinjals is ₹525. How many kgs of brinjals can be purchased with ₹300 ?
(i) 7 kg (ii) 9 kg (iii) 15 kg (iv) 17 kg (v) 12 kg
34. The cost of 14 kg of onions is ₹392. How much has to be paid to purchase 24 kg of onions ?
(i) ₹644 (ii) ₹675 (iii) ₹672 (iv) ₹698 (v) ₹657
35. The weight of 18 rounds of copper wire is 378 kg. How many rounds of copper wire is present in 336 kg?
(i) 15 (ii) 13 (iii) 16 (iv) 19 (v) 17
36. A bus ticket fare for 11 km costs ₹55. How much is the fare for 20 km?
(i) ₹97.00 (ii) ₹128.00 (iii) ₹100.00 (iv) ₹75.00 (v) ₹104.00
37. The sales tax for ₹100 of a bill is ₹13. How much sales tax has to be paid for a bill of ₹399 ?
(i) ₹46.87 (ii) ₹54.87 (iii) ₹56.87 (iv) ₹51.87 (v) ₹48.87
38. To stitch a shirt, 198 cm of cloth is needed. How much cloth is needed to stitch 7 shirts ?
(i) 1256 cm (ii) 1106 cm (iii) 1656 cm (iv) 1536 cm (v) 1386 cm
39. 17 m of cloth is required to stitch 6 dresses. How many meters of cloth is required to stitch 24 dresses?
(i) 65.00 m (ii) 68.00 m (iii) 63.00 m (iv) 71.00 m (v) 73.00 m
40. The cost of 5 dozen bananas is ₹155. What is the cost of 26 dozens ?
(i) ₹804 (ii) ₹823 (iii) ₹779 (iv) ₹806 (v) ₹812
41. 11 mangoes weigh 10 kg. If 8 mangoes are needed, how many kgs have to be purchased?
(i) 5.27 kg (ii) 6.27 kg (iii) 8.27 kg (iv) 9.27 kg (v) 7.27 kg
42. The specification on a printer says that it prints 2800 pages in 35 min. If 6000 pages have to be printed, how long will it take ?
(i) 80 min (ii) 75 min (iii) 70 min (iv) 72 min (v) 78 min

43. 11 gm of gold costs ₹30800. What is the cost of 27 gm ?

- (i) ₹77800 (ii) ₹76900 (iii) ₹74400 (iv) ₹75600 (v) ₹75000

44. A banker gave foreign exchange of \$15 for ₹765. How many dollars will the customer get for ₹1836 ?

- (i) \$41 (ii) \$33 (iii) \$31 (iv) \$36 (v) \$39

Assignment Key

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