



1. The antecedent in the ratio 1:14 =

- (i) 11 (ii) 14 (iii) 0 (iv) 3 (v) 1

2. The antecedent in the ratio $\frac{2}{3} : \frac{7}{5} =$

- (i) $\frac{7}{5}$ (ii) 2 (iii) $\frac{4}{3}$ (iv) $\frac{2}{3}$ (v) 1

3. The consequent in the ratio 17:8 =

- (i) 8 (ii) 11 (iii) 7 (iv) 14 (v) 17

4. The consequent in the ratio $\frac{12}{11} : \frac{5}{3} =$

- (i) 5 (ii) $\frac{7}{3}$ (iii) $\frac{12}{11}$ (iv) $\frac{5}{3}$ (v) $\frac{10}{11}$

5. The simplest form of 60:150 =

- (i) 2:5 (ii) 1:5 (iii) 60:152 (iv) 2:3 (v) 3:5

6. Find the missing value in the equation ____:1 = 15:5

- (i) 3 (ii) 4 (iii) 2 (iv) 0 (v) 5

7. Find the missing value in the equation 27:____ = 45:5

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

8. Find the missing value in the equation 26:1 = ____:9

- (i) 236 (ii) 235 (iii) 232 (iv) 234 (v) 233

9. Find the missing value in the equation 16:4 = 32: ____

- (i) 8 (ii) 9 (iii) 5 (iv) 10 (v) 7

10. Find the product of extremes of 10:8 and 13:1

- (i) 13 (ii) 104 (iii) 10 (iv) 9 (v) 8

11. Find the product of extremes of $\frac{20}{11} : \frac{17}{14}$ and $\frac{13}{6} : \frac{15}{4}$

- (i) $\frac{25}{3}$ (ii) $\frac{73}{11}$ (iii) $\frac{221}{84}$ (iv) $\frac{75}{11}$ (v) 7

12. Find the product of means of 6:16 and 4:10

- (i) 60 (ii) 63 (iii) 67 (iv) 61 (v) 64

13. Find the product of means of $\frac{4}{5} : \frac{17}{14}$ and $\frac{8}{5} : \frac{4}{13}$

- (i) $\frac{16}{65}$ (ii) $\frac{68}{35}$ (iii) 2 (iv) $\frac{68}{33}$ (v) $\frac{66}{35}$

14. Find the mean proportional of 98 and 2

- (i) 12 (ii) 2 (iii) 196 (iv) 98 (v) 14

15. Find the third proportional of 27 and 9

- (i) 3 (ii) 81 (iii) 27 (iv) 0 (v) 9

16. Find the fourth proportional of 8, 2 and 16

- (i) 1 (ii) 4 (iii) 7 (iv) 2 (v) 16

17. Which of the ratios is proportional to 16 : 4?

- (i) 29:7 (ii) 28:4 (iii) 28:7 (iv) 28:9 (v) 27:7

18. Divide 1410 in the ratio 10 : 20

- (i) 470 , 938 (ii) 471 , 940 (iii) 469 , 940 (iv) 470 , 943 (v) 470 , 940

19. Divide 2176 in the ratio 15 : 16 : 3

- (i) 960 , 1022 , 192 (ii) 959 , 1024 , 192 (iii) 960 , 1024 , 192 (iv) 961 , 1024 , 192 (v) 960 , 1026 , 192

20. Divide 987 in the ratio 1 : 9 : 19 : 18

- (i) 21 , 192 , 399 , 378 (ii) 21 , 186 , 399 , 378 (iii) 22 , 189 , 399 , 378 (iv) 21 , 189 , 399 , 378
(v) 20 , 189 , 399 , 378

21. Which of the following is true?

- (i) $3:2 < 7:6$ (ii) $9:7 > 4:1$ (iii) $4:1 > 9:8$ (iv) $9:8 > 7:5$ (v) $5:3 > 8:3$

22. Find the ratio between 9 months and 7 years

- (i) 3:28 (ii) 3:26 (iii) 3:31 (iv) 2:28

23. Find the ratio between 42 min and 24 hr

- (i) 7:243 (ii) 7:240 (iii) 7:238 (iv) 6:240

24. Find the ratio between 5 m and 7 km

- (i) 1:1400 (ii) 0:1400 (iii) 1:1397 (iv) 1:1403

25. Find the ratio between 4 gm and 5 kg

- (i) 1:1253 (ii) 1:1247 (iii) 1:1250 (iv) 0:1250

26. Find the ratio between 8 l and 3 kl

- (i) 0:375 (ii) 1:375 (iii) 1:377 (iv) 1:373

27. Find the ratio between 9 hr and 3 days

- (i) 1:6 (ii) 0:8 (iii) 1:11 (iv) 1:8

28. A ratio is equal to 2 : 5. If its antecedent is 4368, what is its consequent?

- (i) 10923 (ii) 10921 (iii) 10919 (iv) 10920 (v) 10918

29. A ratio is equal to 7 : 33. If its consequent is 2640, what is its antecedent?

- (i) 560 (ii) 559 (iii) 563 (iv) 557 (v) 561

30. Find the ratio between 2 months and 2 years 2 months

- (i) 0:13 (ii) 1:13 (iii) 1:16 (iv) 1:11

31. Find the number which bears the same ratio to $\frac{5}{8}$ that $\frac{6}{9}$ does to $\frac{5}{4}$

- (i) $\frac{1}{3}$ (ii) $\frac{1}{5}$ (iii) 1 (iv) $(-\frac{1}{3})$

32. The ascending order of 1:4, 2:3, 6:7, 1:2, 2:7, 1:7 is

- (i) 6:7, 1:4, 1:2, 2:3, 2:7, 1:7 (ii) 6:7, 1:4, 1:2, 2:7, 2:3, 1:7 (iii) 1:2, 1:7, 2:7, 6:7, 1:4, 2:3
(iv) 2:3, 1:7, 1:2, 6:7, 2:7, 1:4 (v) 1:7, 1:4, 2:7, 1:2, 2:3, 6:7

Assignment Key

1) (v)	2) (iv)	3) (i)	4) (iv)	5) (i)	6) (i)
7) (iv)	8) (iv)	9) (i)	10) (iii)	11) (iv)	12) (v)
13) (ii)	14) (v)	15) (i)	16) (ii)	17) (iii)	18) (v)
19) (iii)	20) (iv)	21) (iii)	22) (i)	23) (ii)	24) (i)
25) (iii)	26) (ii)	27) (iv)	28) (iv)	29) (i)	30) (ii)
31) (i)	32) (v)				