



- An office contains 114 managers, 342 team leaders, 285 developers and 399 testers. The ratio of managers to the total employees =
(i) 1:10 (ii) 1:13 (iii) 0:10 (iv) 1:7 (v) 2:10
- Find the ratio between 10 l and 8 kl
(i) 1:800 (ii) 1:803 (iii) 1:798 (iv) 0:800
- Find the product of means of $\frac{3}{20} : \frac{17}{19}$ and $\frac{3}{20} : \frac{4}{11}$
(i) $\frac{53}{380}$ (ii) $\frac{17}{126}$ (iii) $\frac{3}{55}$ (iv) $\frac{49}{380}$ (v) $\frac{51}{380}$
- Divide 21250 in the ratio 36 : 10 : 39
(i) 9000 , 2497 , 9750 (ii) 8999 , 2500 , 9750 (iii) 9000 , 2503 , 9750 (iv) 9001 , 2500 , 9750
(v) 9000 , 2500 , 9750
- An office contains 150 employees of 4 types. The managers, team leaders, developers and testers are in the ratio 4 : 1 : 4 : 6. The number of managers in the office =
(i) 41 (ii) 39 (iii) 40 (iv) 37 (v) 43
- The ratio equivalent of the fraction $\frac{9}{5}$ =
(i) 5:9 (ii) 8:5 (iii) 9:8 (iv) 9:5 (v) 9:2
- Find the ratio between 14 hr and 3 days
(i) 7:38 (ii) 6:36 (iii) 7:33 (iv) 7:36
- Which of the following does not represent a proportion ?
(i) 5:4::10:12 (ii) 12:8::60:40 (iii) 21:18::42:36 (iv) 12:10::36:30 (v) 12:9::48:36
- Find the missing value in the equation $9 : \underline{\quad} = 27 : 3$
(i) 2 (ii) 0 (iii) 1 (iv) (-1) (v) 4
- Divide 775 in the ratio 20 : 5
(i) 619 , 155 (ii) 621 , 155 (iii) 620 , 158 (iv) 620 , 155 (v) 620 , 153
- An office contains 165 employees of 4 types. The managers, team leaders, developers and testers are in the ratio 3 : 4 : 3 : 5. The number of developers in the office =
(i) 36 (ii) 30 (iii) 32 (iv) 33 (v) 34

12. Divide 7650 in the ratio 11 : 6 : 19 : 15
(i) 1650 , 900 , 2850 , 2250 (ii) 1650 , 903 , 2850 , 2250 (iii) 1651 , 900 , 2850 , 2250
(iv) 1650 , 898 , 2850 , 2250 (v) 1649 , 900 , 2850 , 2250
13. Divide 23754 in the ratio 38 : 21 : 23 : 29
(i) 8133 , 4494 , 4922 , 6206 (ii) 8131 , 4494 , 4922 , 6206 (iii) 8132 , 4494 , 4922 , 6206
(iv) 8132 , 4496 , 4922 , 6206 (v) 8132 , 4491 , 4922 , 6206
14. A box contains 312 stationary items of 2 types. The pens and pencils are in the ratio 1 : 5. The number of pencils in the box =
(i) 260 (ii) 262 (iii) 257 (iv) 261 (v) 259
15. A box contains 186 mangoes, 124 apples and 186 oranges. The ratio of mangoes and apples =
(i) 3:0 (ii) 4:2 (iii) 3:5 (iv) 2:2 (v) 3:2
16. Which of the following represents a proportion ?
(i) 38:32::114:64 (ii) 37:31::74:93 (iii) 36:30::180:150 (iv) 35:29::105:116 (v) 34:28::136:84
17. Find the ratio between 7 min and 24 hr
(i) 7:1443 (ii) 7:1440 (iii) 6:1440 (iv) 7:1438
18. Find the product of extremes of 13:17 and 14:12
(i) 153 (ii) 156 (iii) 155 (iv) 238 (v) 158
19. Find the ratio between 4 m and 6 km
(i) 1:1502 (ii) 1:1498 (iii) 0:1500 (iv) 1:1500
20. A certain amount has been divided into two parts in the ratio 9 : 2. If the first part is 360, find the total amount.
(i) 439 (ii) 441 (iii) 443 (iv) 437 (v) 440
21. A box contains 48 pens and 168 pencils. The ratio of pencils to the total stationary items =
(i) 8:9 (ii) 7:9 (iii) 7:11 (iv) 7:7 (v) 6:9
22. Find the missing value in the equation $22:1 = \underline{\quad}:5$
(i) 113 (ii) 108 (iii) 111 (iv) 109 (v) 110
23. An office contains 132 managers, 66 team leaders, 330 developers and 198 testers. The ratio of all employees in the office =
(i) 2:4:5:3 (ii) 1:1:5:3 (iii) 3:1:5:3 (iv) 2:-2:5:3 (v) 2:1:5:3
24. Divide 9126 in the ratio 12 : 27
(i) 2808 , 6318 (ii) 2808 , 6320 (iii) 2807 , 6318 (iv) 2809 , 6318 (v) 2808 , 6316
25. Find the missing value in the equation $\underline{\quad}:7 = 12:3$
(i) 26 (ii) 28 (iii) 27 (iv) 29 (v) 30

Assignment Key

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