

Name : Ratio Chapter : Comparing Quantities Grade : CBSE Grade VIII License : Non Commercial Use

- 1. Find the ratio between 4 months and 11 years
 - (i) 1:33 (ii) 1:31 (iii) 1:36 (iv) 0:33
- 2. Find the ratio between 38 min and 34 hr
 (i) 18:1020 (ii) 19:1022 (iii) 19:1020 (iv) 19:1017
- 3. Find the ratio between 9 m and 5 km
 - (i) 9:5000 (ii) 8:5000 (iii) 9:5003 (iv) 9:4997
- 4. Find the ratio between 6 gm and 9 kg
 (i) 1:1498 (ii) 1:1502 (iii) 1:1500 (iv) 0:1500
- 5. Find the ratio between 3 l and 9 kl
 (i) 1:2997 (ii) 1:3002 (iii) 1:3000 (iv) 0:3000
- 6. Find the ratio between 8 hr and 5 days
 (i) 0:15 (ii) 1:13 (iii) 1:17 (iv) 1:15
- 7. Find the ratio between 8 months and 3 years 5 months
 (i) 8:38 (ii) 8:41 (iii) 8:43 (iv) 7:41
- An office contains 132 managers, 264 team leaders, 132 developers and 330 testers. The ratio of managers and team leaders =
 - (i) 1:-1 (ii) 1:2 (iii) 2:2 (iv) 0:2 (v) 1:4
- 9. An office contains 125 managers, 75 team leaders, 25 developers and 100 testers. The ratio of managers and developers =
 - (i) 5:-1 (ii) 6:1 (iii) 4:1 (iv) 5:3 (v) 5:1
- 10. An office contains 69 managers, 345 team leaders, 276 developers and 483 testers. The ratio of managers to the total employees =

(i) 1:17 (ii) 1:14 (iii) 2:17 (iv) 0:17 (v) 1:19

A box contains 402 fruits of 3 types. The mangoes, apples, and oranges are in the ratio 3:1:2. The number of mangoes in the box =

(i) 200 (ii) 202 (iii) 204 (iv) 201 (v) 198

- 12. A box contains 258 mangoes, 172 apples and 301 oranges. The ratio of mangoes and apples =
 (i) 4:2 (ii) 3:4 (iii) 3:2 (iv) 3:-1 (v) 2:2
- 13. A box contains 100 mangoes, 350 apples and 100 oranges. The ratio of mangoes to the total fruits =
 (i) 2:11 (ii) 3:11 (iii) 1:11 (iv) 2:8 (v) 2:13

14. A box contains 828 stationary items of 2 types. The pens and pencils are in the ratio 7 : 5. The number of pens in the box =

(i) 486 (ii) 480 (iii) 482 (iv) 483 (v) 484

15. A box contains 330 stationary items of 2 types. The pens and pencils are in the ratio 6: 5. The number of pencils in the box =

(i) 150 (ii) 149 (iii) 151 (iv) 147 (v) 152

- 16. A box contains 60 pens and 90 pencils. The ratio of all stationary items in the box =
 (i) 2:5 (ii) 2:1 (iii) 1:3 (iv) 2:3 (v) 3:3
- 17. A box contains 22 pens and 154 pencils. The ratio of pens to the total stationary items =
 (i) 1:5 (ii) 1:8 (iii) 0:8 (iv) 1:11 (v) 2:8
- 18. A box contains 476 pens and 136 pencils. The ratio of pencils to the total stationary items =
 (i) 1:9 (ii) 2:6 (iii) 2:9 (iv) 3:9 (v) 2:11
- 19. The ages of A and B are in the ratio 2:1.8 years hence, their ages will be in the ratio 11:6. Find their present ages.

(i) 76:38 (ii) 84:42 (iii) 78:39 (iv) 80:40

- 20. The ages of A and B are in the ratio 7 : 10. 5 years ago, their ages were in the ratio 2 : 3. Find their present ages.(i) 28:40 (ii) 35:50 (iii) 49:70 (iv) 21:30
- A bag contains ₹1470 in the form of five-rupee, two-rupee and one-rupee coins in the ratio 14 : 9 : 10. Find the number of coins of each type

(i) 211, 140, 145 (ii) 212, 130, 150 (iii) 209, 135, 155 (iv) 208, 140, 150 (v) 210, 135, 150

- 22. If the cost of 10 apples is ₹620.00, the cost of 120 apples =
 (i) ₹7400.00 (ii) ₹7590.00 (iii) ₹7620.00 (iv) ₹7170.00 (v) ₹7440.00
- 23. If the cost of 420 apples is ₹840.00, how many apples can be purchased for ₹400.00?
 (i) 201 (ii) 198 (iii) 200 (iv) 199 (v) 202

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

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