

EduSahara™ Learning Center Assignment**Grade : Class VIII, CBSE****Chapter : Comparing Quantities****Name : Ratio****Licensed To : Teachers and Students for non-commercial use**

1. Find the ratio between 4 months and 11 years

(i) 1 : 36 (ii) 1 : 33 (iii) 0 : 33 (iv) 1 : 31

2. Find the ratio between 45 min. and 6 hrs

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

3. Find the ratio between 8 mt and 8 km

(i) 0 : 1000 (ii) 1 : 1002 (iii) 1 : 997 (iv) 1 : 1000

4. Find the ratio between 7 gm and 3 kg

(i) 7 : 3003 (ii) 7 : 2997 (iii) 6 : 3000 (iv) 7 : 3000

5. Find the ratio between 4 lt and 8 kl

(i) 1 : 2000 (ii) 1 : 2002 (iii) 1 : 1997 (iv) 0 : 2000

6. Find the ratio between 21 hrs and 13 days

(i) 6 : 104 (ii) 7 : 104 (iii) 7 : 106 (iv) 7 : 101

7. Find the ratio between 9 months and 3 years 4 months

(i) 9 : 43 (ii) 8 : 40 (iii) 9 : 37 (iv) 9 : 40

8. An office contains 420 managers, 300 team leaders, 60 developers and 360 testers. The ratio of managers and team leaders =

(i) 7 : 7 (ii) 7 : 5 (iii) 8 : 5

(iv) 7 : 3 (v) 6 : 5

9. An office contains 65 managers, 195 team leaders, 260 developers and 195 testers. The ratio of managers and developers =

(i) 2 : 4 (ii) 1 : 4 (iii) 0 : 4

(iv) 1 : 2 (v) 1 : 7

10. An office contains 280 managers, 224 team leaders, 56 developers and 112 testers. The ratio of managers to the total employees =

(i) 5 : 12 (ii) 4 : 12 (iii) 6 : 12

(iv) 5 : 10 (v) 5 : 14

11. A box contains 528 fruits of 3 types. The mangoes, apples, and oranges are in the ratio 6 : 4 : 2. The number of mangoes in the box =

(i) 265 (ii) 262 (iii) 266 (iv) 264 (v) 263

12. A box contains 90 mangoes, 270 apples and 135 oranges. The ratio of mangoes and apples =

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

13. A box contains 25 mangoes, 125 apples and 50 oranges. The ratio of mangoes to the total fruits =

(i) 2 : 8 (ii) 1 : 10 (iii) 0 : 8 (iv) 1 : 8 (v) 1 : 6

14. A box contains 282 stationary items of 2 types. The pens and pencils are in the ratio 5 : 1. The number of pens in the box =

(i) 236 (ii) 235 (iii) 234 (iv) 233 (v) 238

15. A box contains 132 stationary items of 2 types. The pens and pencils are in the ratio 4 : 2. The number of pencils in the box =

(i) 47 (ii) 43 (iii) 45 (iv) 44 (v) 42

16. A box contains 320 pens and 192 pencils. The ratio of all stationary items in the box =

(i) 6 : 3 (ii) 5 : 6 (iii) 5 : 3 (iv) 4 : 3 (v) 5 : 0

17. A box contains 231 pens and 198 pencils. The ratio of pens to the total stationary items =

(i) 6 : 13 (ii) 7 : 10 (iii) 8 : 13 (iv) 7 : 13 (v) 7 : 15

18. A box contains 138 pens and 92 pencils. The ratio of pencils to the total stationary items =

(i) 2 : 5 (ii) 2 : 3 (iii) 3 : 5 (iv) 1 : 5 (v) 2 : 8

19. The ages of A and B are in the ratio 9 : 5. 10 years hence, their ages will be in the ratio 5 : 3.

Find their present ages

- (i) 90 : 50 (ii) 81 : 45 (iii) 108 : 60 (iv) 72 : 40
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20. The ages of A and B are in the ratio 3 : 2. 10 years ago, their ages were in the ratio 8 : 5. Find their present ages

- (i) 84 : 56 (ii) 87 : 58 (iii) 96 : 64 (iv) 90 : 60
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A bag contains ₹1116 in the form of

21. five-rupee, two-rupee and one-rupee coins in the ratio 19 : 5 : 19 .

Find the number of coins of each type

- (i) 170 , 45 , 176 (ii) 172 , 50 , 166 (iii) 171 , 45 , 171
(iv) 173 , 40 , 171 (v) 169 , 50 , 171
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22. If the cost of 2 apples is ₹940.00, the cost of 120 apples =

- (i) ₹56400.00 (ii) ₹57700.00 (iii) ₹59200.00
(iv) ₹54800.00 (v) ₹53700.00
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23. If the cost of 85 apples is ₹510.00, how many apples can be purchased for ₹960.00?

- (i) 157 (ii) 160 (iii) 163 (iv) 161 (v) 159
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Assignment Key

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