EduSahara™ Learning Center Assignment

Grade   : Class VI, SSC
Chapter   : Ratio and Proportion
Name   : Unitary Method Problems
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1. If 12 vadas cost ₹72, how much will 36 vadas cost?

   (i) ₹224 (ii) ₹199 (iii) ₹231 (iv) ₹216 (v) ₹202

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2. If 7 dresses cost ₹63, how many dresses can be purchased with ₹234?

   (i) 27 (ii) 25 (iii) 26 (iv) 29 (v) 24

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3. If 8 lt of groundnut oil costs ₹104, how much will 33 lt cost?

   (i) ₹443 (ii) ₹455 (iii) ₹429 (iv) ₹417 (v) ₹421

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4. If 10 lt of petrol costs ₹100, how much of petrol costs ₹360?

   (i) 39 lt (ii) 33 lt (iii) 36 lt (iv) 31 lt (v) 41 lt

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5. If 20 men can make 140 gift packages in a day, how many gift packages are made by 25 men in a day?

   (i) 178 (ii) 175 (iii) 176 (iv) 172 (v) 174

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6. If 15 men can make 105 idols in a day, how many men are needed to make 168 idols in a day?

   (i) 21 (ii) 23 (iii) 24 (iv) 25 (v) 26

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7. If Anil can read 200 pages in 10 hrs, how many pages can he read in 12 hrs?

   (i) 241 (ii) 237 (iii) 243 (iv) 239 (v) 240

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8. If Jimmy can read 225 pages in 15 hrs, he can read 150 pages in how many hours?

   (i) 7 hrs (ii) 10 hrs (iii) 5 hrs (iv) 13 hrs (v) 15 hrs

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9. If Bali can make 66 hotdogs in 6 min., in how much time can he complete an order of 407 hotdogs ?

   (i) 40 min. (ii) 34 min. (iii) 37 min. (iv) 42 min. (v) 32 min.

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10. If 126 men can do a piece of work in 84 days, how many men can do the same work in 98 days?

    (i) 108 (ii) 111 (iii) 105 (iv) 107 (v) 109

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11. If 84 men can do a piece of work in 35 days, 30 men can do the same work in how many

days?

(i) 101 days (ii) 95 days (iii) 98 days (iv) 103 days (v) 93 days

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12. A vehicle can cover certain distance in 72 min., running at a speed of 35 kmph. At what speed must the vehicle run to cover the same distance in 56 min.?

(i) 42 kmph (ii) 40 kmph (iii) 50 kmph (iv) 45 kmph (v) 48 kmph

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13. A vehicle can cover certain distance in 110 min., running at a speed of 96 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 88 kmph?

(i) 113 min. (ii) 122 min. (iii) 145 min. (iv) 96 min. (v) 120 min.

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14. The cost of 25 kg of potatoes is ₹750. How many kgs of potatoes can be purchased with ₹630 ?

(i) 21 kg (ii) 24 kg (iii) 16 kg (iv) 18 kg (v) 26 kg

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15. The cost of 12 kg of brinjals is ₹276. How much has to be paid to purchase 17 kg of brinjals ?

(i) ₹391 (ii) ₹416 (iii) ₹364 (iv) ₹407 (v) ₹384

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16. The weight of 16 rounds of copper wire is 384 kg. How many rounds of copper wire is present in 408 kg?

(i) 18 (ii) 16 (iii) 20 (iv) 17 (v) 15

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17. A bus ticket fare for 20 km costs ₹61. How much is the fare for 19 km?

(i) ₹57.95 (ii) ₹60.95 (iii) ₹62.95 (iv) ₹54.95 (v) ₹52.95

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18. The sales tax for ₹100 of a bill is ₹10. How much sales tax has to be paid for a bill of ₹184 ?

(i) ₹23.40 (ii) ₹18.40 (iii) ₹21.40 (iv) ₹13.40 (v) ₹15.40

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19. To stitch a shirt, 132 cm of cloth is needed. How much cloth is needed to stitch 10 shirts ?

(i) 1440 cm (ii) 1170 cm (iii) 1320 cm (iv) 1140 cm (v) 1460 cm

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20. 11 mt of cloth is required to stitch 7 dresses. How many meters of cloth is required to stitch 16 dresses?

(i) 22.14 mt (ii) 20.14 mt (iii) 30.14 mt (iv) 25.14 mt (v) 28.14 mt

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21. The cost of 9 dozen bananas is ₹288. What is the cost of 30 dozens ?

(i) ₹948 (ii) ₹960 (iii) ₹976 (iv) ₹977

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22. 17 mangoes weigh 5 kg. If 6 mangoes are needed, how many kgs have to be purchased?

   (i) 3.76 kg (ii) 2.76 kg (iii) 1.76 kg (iv) 9.76 kg (v) 0.76 kg

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23. The specification on a printer says that it prints 300 pages in 5 min.. If 3600 pages have to be printed, how long will it take ?

   (i) 60 min. (ii) 55 min. (iii) 63 min. (iv) 65 min. (v) 57 min.

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24. 11 gm of gold costs ₹23100. What is the cost of 26 gm ?

   (i) ₹54600 (ii) ₹53000 (iii) ₹51900 (iv) ₹57400 (v) ₹56100

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25. A banker gave foreign exchange of $ 20 for ₹620. How many dollars will the customer get for ₹651 ?

   (i) $ 24 (ii) $ 26 (iii) $ 21 (iv) $ 18 (v) $ 16

Assignment Key

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