EduSahara™ Assignment

Name : Unitary Method Problems

Chapter : Ratio and Proportion

Grade : SSC Grade VI

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1. If 9 dosas cost ₹54, how much will 39 dosas cost?

   (i) ₹261 (ii) ₹206 (iii) ₹226 (iv) ₹238 (v) ₹234

2. If 13 sweet packets cost ₹117, how many sweet packets can be purchased with ₹315?

   (i) 33 (ii) 35 (iii) 36 (iv) 38 (v) 34

3. If 8 l of butter milk costs ₹160, how much will 25 l cost?

   (i) ₹527 (ii) ₹492 (iii) ₹500 (iv) ₹474 (v) ₹506

4. If 7 l of oil costs ₹84, how much of oil costs ₹420?

   (i) 30 l (ii) 38 l (iii) 32 l (iv) 40 l (v) 35 l

5. If 10 men can make 20 chairs in a day, how many chairs are made by 16 men in a day?

   (i) 34 (ii) 30 (iii) 31 (iv) 33 (v) 32

6. If 18 men can make 72 chairs in a day, how many men are needed to make 68 chairs in a day?

   (i) 17 (ii) 18 (iii) 16 (iv) 19 (v) 15

7. If Anthony can read 224 pages in 14 hr, how many pages can he read in 11 hr?

   (i) 179 (ii) 177 (iii) 174 (iv) 175 (v) 176

8. If Sai can read 252 pages in 18 hr, he can read 224 pages in how many hours?

   (i) 16 hr (ii) 19 hr (iii) 11 hr (iv) 21 hr (v) 13 hr

9. If Varun can make 108 pizzas in 6 min, in how much time can he complete an order of 414 pizzas ?

   (i) 20 min (ii) 28 min (iii) 18 min (iv) 26 min (v) 23 min

10. If 56 men can do a piece of work in 135 days, how many men can do the same work in 120 days?

    (i) 61 (ii) 63 (iii) 62 (iv) 64 (v) 65

11. If 60 men can do a piece of work in 40 days, 30 men can do the same work in how many days?

    (i) 75 days (ii) 80 days (iii) 85 days (iv) 77 days (v) 83 days

12. A vehicle can cover certain distance in 105 min, running at a speed of 48 kmph. At what speed must the vehicle run to cover the same distance in 120 min?

    (i) 37 kmph (ii) 45 kmph (iii) 47 kmph (iv) 39 kmph (v) 42 kmph

13. A vehicle can cover certain distance in 88 min, running at a speed of 54 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 48 kmph?

    (i) 94 min (ii) 96 min (iii) 102 min (iv) 99 min (v) 104 min

14. The cost of 25 kg of onions is ₹700. How many kgs of onions can be purchased with ₹336 ?

    (i) 17 kg (ii) 15 kg (iii) 9 kg (iv) 7 kg (v) 12 kg

15. The cost of 21 kg of radish is ₹420. How much has to be paid to purchase 16 kg of radish ?

(i) ₹305 (ii) ₹326 (iii) ₹346 (iv) ₹303 (v) ₹320

16. The weight of 25 rounds of copper wire is 600 kg. How many rounds of copper wire is present in 384 kg?

(i) 14 (ii) 18 (iii) 16 (iv) 17 (v) 15

17. A bus ticket fare for 15 km costs ₹75. How much is the fare for 12 km?

(i) ₹63.00 (ii) ₹60.00 (iii) ₹55.00 (iv) ₹57.00 (v) ₹65.00

18. The sales tax for ₹100 of a bill is ₹17. How much sales tax has to be paid for a bill of ₹440 ?

(i) ₹69.80 (ii) ₹79.80 (iii) ₹77.80 (iv) ₹71.80 (v) ₹74.80

19. To stitch a shirt, 120 cm of cloth is needed. How much cloth is needed to stitch 6 shirts ?

(i) 720 cm (ii) 747 cm (iii) 724 cm (iv) 697 cm (v) 715 cm

20. 15 m of cloth is required to stitch 5 dresses. How many meters of cloth is required to stitch 18 dresses?

(i) 57.00 m (ii) 51.00 m (iii) 49.00 m (iv) 54.00 m (v) 59.00 m

21. The cost of 10 dozen bananas is ₹350. What is the cost of 21 dozens ?

(i) ₹749 (ii) ₹720 (iii) ₹735 (iv) ₹748 (v) ₹732

22. 12 mangoes weigh 9 kg. If 9 mangoes are needed, how many kgs have to be purchased?

(i) 5.75 kg (ii) 6.75 kg (iii) 7.75 kg (iv) 8.75 kg (v) 4.75 kg

23. The specification on a printer says that it prints 3200 pages in 40 min. If 7600 pages have to be printed, how long will it take ?

(i) 100 min (ii) 98 min (iii) 92 min (iv) 95 min (v) 90 min

24. 15 gm of gold costs ₹37500. What is the cost of 38 gm ?

(i) ₹93600 (ii) ₹95000 (iii) ₹96200 (iv) ₹93500

25. A banker gave foreign exchange of $15 for ₹630. How many dollars will the customer get for ₹1176 ?

(i) $28 (ii) $23 (iii) $31 (iv) $33 (v) $25

Assignment Key

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

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