



MATHS

BOOKS - RD SHARMA MATHS (HINGLISH)

UNITARY METHOD

All Questions

1. If 6 bowls cost Rs 96. What will be the cost of 15 such bowls?



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2. The car that Ravish owns can go 150 km in 15 litre of petrol. How far can it go with 50 litres of petrol?



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3. Shikha earns Rs 3000 for working in 8 days. How much will she earn if she works for 15 days?



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4. 25 workers earn Rs 300 per day. What will be the earnings of 20 workers per day at the same rate?



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5. If 25 metres of cloth cost Rs 1575, how many metres of it can be bought for Rs 2016?



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6. 20 chocolates cost Rs 320. Find the cost of 35 such chocolates.



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7. The cost of 40 meters of cloth is Rs 200. Find the cost of 50 meters of cloth.



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8. A car can cover a distance of 522 km on 36 litres of petrol. How far can it travel on 14 litres of petrol?



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9. Travelling 900 km by rail costs Rs 280. What would be the fare for a journey of 360 km when a person travels by the same class?



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10. If 6 oil tankers can be filled by a pipe in $4\frac{1}{2}$ hours, how long does the pipe take to fill 4 such oil tankers?



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11. $\frac{3}{4}$ of the salary per month is Rs 600. What is the salary per month?



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12. The cost of 32 tables is Rs 23520. Find the number of such tables that can be purchased for Rs 51450



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13. The yield of wheat from 6 hectares is 280 quintals. Find the number of hectares required for a yield of 225 quintals.



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14. Fifteen post cards cost Rs 2.25. What will be the cost of 36 post cards? How many postcards can we buy in Rs 45?



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15. A rail journey of 75 km costs Rs 215. How much will a journey of 120 km cost?



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16. If the sales tax on a purchase worth Rs 60 is Rs 4.20. What will be the sales tax on the purchase worth of Rs 150?



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17. 52 packets of 12 pencils each, cost Rs 499.20. Find the cost of 65 packets of 10 pencils each.



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18. What distance (in m) will a train cover in 1 minute travelling at 72 km/hr? (a)120 (b) 1200 (c)1400 (d) 720



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19. If the cost of 15 mangoes is Rs 180, then what is the cost of 25 mangoes? (a)220 (b) 360 (c)200 (d) 300



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20. If the cost of 25 pencils is Rs 75, then the cost of 75 pencils is (a)225 (b) 150 (c)180 (d) 100



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21. The cost of 30 mangoes is less than cost of 40 mangoes by Rs 50. Find the cost of 50 mangoes in (Rs) (a)400 (b) 300 (c)250 (d) 350



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22. 45 cows can graze a field in 12 days. How many cows will graze the same field in 9 days?

(a) 60 (b) $38\frac{3}{4}$ (c) 54 (d) 45



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23. If $\frac{4}{5}$ of a water tank is filled in 1 hour, how much time will be required to fill the rest of it?

(a) 20 minutes (b) 15 minutes (c) 12 minutes (d)

10 minutes



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24. A worker makes a toy every $\frac{2}{3}$ hour. If he works for $7\frac{1}{3}$ hours, then how many toys will he make? (a)11 (b) 16 (c)18 (d) 22



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25. 6 dozen eggs are bought for Rs 108. How much will 108 eggs cost? (a)Rs 171 (b) Rs 162 (c)Rs 153 (d) Rs 180



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26. 8 men can finish a piece of work in 40 days. If 2 more men join them, the work will be computed in (a)30 days (b) 32 days (c)36 days (d) 25 days



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27. If 21 cows eat as much as 15 buffaloes, how many cows will eat as much as 35 buffaloes? (a)45 (b) 49 (c)56 (d) 54



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28. If 6 bowls cost Rs 90, then the cost of 10 such bowls is (a) Rs 125 (b) Rs 175 (c) Rs 150 (d) Rs 120



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29. The car that I own can go 150 km with 25 litres of petrol. How far can it go with 30 litres of petrol?



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30. If the cost of 12 books is Rs 144, then the cost of 18 books is (a) Rs 206 (b) Rs 216 (c) Rs 198 (d) Rs 180



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31. If a person travels 150 km in 5 hours, then the time taken by him to travel 180 km is (a) 3 (b) 4 (c) 8 (d) 6



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32. If a person travels 60 km in 4 hours in a car, then the speed of the car is (a) 12 km/hr (b) 15 km/hr (c) 20 km/hr (d) 24 km/hr



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