MATHS

BOOKS - RD SHARMA MATHS (ENGLISH)

UNITARY METHOD

Others

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

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?

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

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

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

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?

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

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

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

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

21. The cost of 30 mangoes is less then cost of 40 mangoes by Rs 50. Find the cost of 50 mangoes in (Rs)

(a) 400

(b) 300

(c) 250

(d) 350

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

(a) 60

(b) $38\dfrac{3}{4}$

(c) 54

(d) 45

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23. If $\dfrac{4}{5}$ 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

24. A worker makes a toy every $\dfrac{2}{3}$ hour. If he works for $7\dfrac{1}{3}$ hours, then how many toys will he make?

(a)11

(b) 16

(c)18

(d) 22

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

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

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

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

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