



Ninth Grade - Quantity

1) If the wages of 6 men for 15 days be \$2100 find the wages then the wages of 9 men for 12 days?

- 2520
- 7851
- 5698
- 4524

2) If 20 men can build a wall 56 meters long in 6 days' what length of a similar wall can be built by 35 men in 3 days?

- 35
- 49
- 50
- 25

3) If 15 men working 9 hours a day can reap a field in 16 days in how many days' will 18 men reap the field working 8 hours a day?

- 16
- 15
- 18
- 19

4) If the cost of x meters of wire is d dollar what is the cost of y meters of wire at the same rate?

- $\$(dy/x)$
- $\$(y/x)$
- $\$(y/dx)$
- $\$(yd/x)$



5) If the price of 6 toys is \$ 264. 37 what will be the approximate price of 5 toys?

- 220
- 854
- 652
- 547

6) If the price of 357 mangoes is \$ 1517. 25. What will the approximate price of 9 dozen of such mangoes?

- $x = 2586$
- $x = 2596$
- $x = 2587$
- $x = 2500$

7) If the quarter kg of potatoes costs 60 cent how many paise will 200 gm cost

- $x = 19$
- $x = 48$
- $x = 63$
- $x = 52$

8) If 11. 25m of a uniform iron rod weights 42. 75 kg what will be the weight of 6m of the same rod?

- $x = 63.85 \text{ kg}$
- $x = 22.8 \text{ kg}$
- $x = 23.6 \text{ kg}$
- $x = 52.8 \text{ kg}$

9) Worker A takes 8 hours to do a job. Worker B takes 10 hours to do the same job how long it take both A and B working together but independently to do the same job?

- $23/9$



- 63/4
- 52/9
- 40/9

10) A and B together can complete a piece of work in 4 days. If A alone can complete the same work in 12 days in how many days can B alone can complete the work?

- 9 days
- 5 days
- 7 days
- 6 days

11) A can do a piece of work in 7 days of 9 hours each and B can do it in 6 days of 7 hours each. How long will they take to do it working together $40/5$ hours a day?

- 6 days
- 3 days
- 2 days
- 5 days

12) A is twice as good a workman as B and together they finish a piece of work in 18 days. In how many days will A alone finish the work?

- 24 days
- 27 days
- 21 days
- 22 days

13) A can do a certain job in 12 days. B is 60% more efficient than A. How many days does B alone take to do the same job?

- $x = 17/2$
- $x = 15/2$
- $x = 19/2$



- $x = 13/2$

14) A can finish a work in 18 days and B can do the same work in $1/2$ the time taken by A. Then working together, what part of these same work they can finish in a day?

- 5 days
- 6 days
- 9 days
- 8 days

15) A tyre has two punctures. The first puncture alone would have made the tyre flat in 9 minutes and the second alone would have done it in 6 minutes. If air leaks out at a constant rate, how long does it take both punctures to take it flat?

- $18/5$ minutes
- $19/5$ minutes
- $12/3$ minutes
- $15/4$ minutes

16) A man sitting in a train which is travelling at 50km/hr observes that a good train travelling in opposite direction to that in which train is going observes that a goods train travelling in opposite direction takes in opposite direction takes 9 seconds to pass him. If the goods train is 280m long find its speed.

- 60 km/hr
- 63 km/hr
- 62 km/hr
- 65 km/hr

17) A man can row upstream at 7km/hr and downstream at 10km/hr. Find the man's rate at still water and rate of current?

- 2.5 km/hr
- 3.6 km/hr



- 1.5 km/hr
- 5.2 km/hr

18) A man takes 3 hours 45minutes to row a boat 15km downstream of a river and 2 hours 30 minutes to cover a distance of 5 km upstream. Find the speed of river current in km/hr.

- 1 km/hr
- 3 km/hr
- 2 km/hr
- 4 km/hr

19) A man can row upstream at 8km/hr and downstream at 13km/hr. The speed of the stream is

- 2.5 km/hr
- 3.9 km/hr
- 3.6 km/hr
- 3.5 km/hr

20) A man rows downstream 32km and 14km upstream. If he takes 6hrs to cover each distance then the velocity (in km/hr) of the current is

- 3.4 km/hr
- 1.5 km/hr
- 2.6 km/hr
- 2.3 km/hr

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