

1. A train is moving at a uniform speed of 100 km/h . How far will it travel in 20 minutes?
2. If the cost of 20 books is ₹ 180, how much will 15 books cost?
3. If $x_1 = 5$, $y_1 = 7.5$, $x_2 = 7.5$ then find y_2 if x and y vary directly.
4. If 3 kg of sugar contains 9×10^8 crystals. How many sugar crystals are there in 4 kg of sugar?
5. If 15 men can do a work in 12 days, how many men will do the same work in 6 days?
6. A train travels 112 km in 1 hour 30 minutes with a certain speed. How many kilometres it will travel in 4 hours 45 minutes with the same speed?
7. 15 men can build a wall in 42 hours, how many workers will be required for the same work in 30 hours?
8. Six pumps working together empty a tank in 28 minutes. How long will it take to empty the tank if 4 such pumps are working together?