Unitary Method

1. The cost of 30m of cloth is ₹900. Find the cost of 15 metres of cloth.

2. If 12 kg of sugar costs ₹264, what will 31 kg of sugar cost?

3. If 80 metres of an iron slab weighs 720 kg. How much will the 22 metres of rod weigh?

4. A car travels 180 km in 4 hours. How long will it take to travel 400 km? How far will it travel in 12 hours?

5. Fifteen postcards cost ₹22.50. What will be the cost of 32 postcards? How many postcards can we buy in ₹20?

6. A bus travels 90 km in $2\frac{1}{2}$ hours.
    a. How much time is required to cover 30 km with the same speed?
    b. Find the distance covered in 2 hours with the same speed.

7. If $\frac{3}{5}$ th quintal of rice costs ₹180, what will be the cost of $\frac{5}{6}$ th quintal of rice?

8. A worker earns ₹300 in 5 days. In how many days will be earn ₹750?

9. The monthly consumption of cereals of a hostel with 400 students is 5200 kg. Find the consumption if the number of students is only 65.

10. If 20 men assemble 8 machines in a day, how many men are needed to assemble 12 such machines per day?

11. If a dozen pens cost ₹4800. How many pens can be bought for ₹64?

12. A fast train covers 320 km in 3 hours 20 minutes. How much time will it take to cover distance of 80 km?

13. The weight of 55 folding tables is 36 kg. How many tables can be loaded on a truck having a capacity of carrying 4200 kg load?