1. Tick the correct alternative:
   i. A car travels 108 km in 12 liters of petrol. In 10 liters of petrol, it will travel a distance of
      a) 90 km b) 518.4 km c) $\frac{9}{10}$ km d) $\frac{10}{9}$ km
   ii. If 4 men can complete a work in a week, how many men will complete the same work in two weeks?
      a) 2 b) 4 c) 8 d) 14
   iii. Cost of notebooks is Rs 90 per dozen. Cost of 18 notebooks is
      a) Rs 180 b) Rs 120 c) Rs 45 d) Rs 135
   iv. 36 men can complete a piece of work in 20 days. In how many days will the work be done if
      the number of men is reduced to 12
      a) 40 days b) 6.6 days c) 60 days d) 8 days

2. A car is moving at the average speed of 60 km/hr. How much distance would it cover in 20 minutes?

3. A car can reach a certain place in 12 hours at the speed of 60 km/hr. By how much should
   the speed be increased so that it completes the journey in 10 hours?

4. 40 persons take 30 days to complete a work. How long will it take to complete the work, if
   20 more persons join them?

5. 18 men can dig $7\frac{1}{2}$ m long trench in one day. How many men should be employed for
   digging 20 m long trench of the same type in one day?

6. The bus fare for the journey of 240 km is Rs. 84. What will be the fare for Nainital to Delhi
   having a distance of 432 km?

7. In a library, 126 copies of a certain book require a shelf length of 3.78 m. How many copies
   of the same book would occupy shelf length of 4.8 m?

8. Asha can type a given assignment in 45 minutes at a speed of 50 words per minute. Her
   friend Sneh can type the same assignment in half an hour. What would be Sneh's typing
   speed?

9. Karan cycles at a speed of 40 km/hour and reaches school in 12 minutes. How long will Kunal
    take to reach school if he cycles at 30 km/hour?

10. In a hostel, 100 students had provisions for 130 days. After 10 days, 20 students left the
    hostel. How long would the remaining food last?

11. A garrison of 620 men had provisions for 42 days. A reinforcement of 220 men arrived. How
    long the food will last?

12. In a school, 9 periods of 40 minutes each are reserved in a week for Mathematics for class
    VIII. If the length of period is reduced to 30 minutes, then how many periods in a week be
    reserved for Mathematics?
13. Mamta earns Rs540 for a working week of 48 hours. If she was absent for 6 hours, how much did she earn?

14. In a boarding school of 80 boys, there was food provision for 30 days. The boys helped 20 more orphan boys of the locality to share the provision.
   i. How long did the food provision last?
   ii. Sharing and caring are noble practice. Cite one example when you shared something with any needy person.