

Exercise – 9.1

Find the value of the following.

1) A box of 12 pencils costs Rs 24.

a) 1 pencil costs $\text{Rs } 24 \div 12 = \text{Rs } 2$ b) 4 pencil costs $\text{Rs } 2 \times 4 = \text{Rs } 8$

2) 2 kg of potatoes costs Rs 26.

a) 1 kg of potatoes costs $\text{Rs } 26 \div 2 = \text{Rs } 13$ b) 6 kg of potatoes costs $\text{Rs } 13 \times 6 = \text{Rs } 78$

3) 5 m of cloth costs Rs 200.

a) 1 m of cloth costs $\text{Rs } 200 \div 5 = \text{Rs } 40$ b) 18 m of cloth costs $\text{Rs } 40 \times 18 = \text{Rs } 720$

4) 2 L of oil weigh 1 kg 800 g (1.800 g).

a) 1 L of oil weigh $1.800 \text{ g} \div 2 = 0.900 \text{ g}$ b) 5 L of oil weigh $0.900 \text{ g} \times 5 = 4.500 \text{ g}$

5) 5 crates of apples weigh 100 kg.

a) 1 crate of apples weighs $100 \text{ kg} \div 5 = 20 \text{ kg}$ b) 12 crates of apples weigh $20 \text{ kg} \times 12 = 240 \text{ kg}$

6) Lima takes 2 rounds of a track and covers 1600 m.

a) In 1 round she covers $1600 \text{ m} \div 2 = 800 \text{ m}$ b) In 5 round she covers $800 \text{ m} \times 5 = 4000 \text{ m}$

7) A ship takes 3 hour to covers 90 km.

a) In 1 hour it covers $90 \text{ km} \div 3 = 30 \text{ km}$ b) In 7 hour it covers $30 \text{ km} \times 7 = 210 \text{ km}$

8) A factory makes 4200 bags in a week.

a) In 1 day it makes $4200 \div 7 = 600 \text{ bags}$ b) In 30 days it makes $600 \text{ bags} \times 30 = 18000 \text{ bags}$

9) A tailor uses 4 m of cloths to make 2 pairs of pants of the same size.

a) He makes 1 pair with $4 \text{ m} \div 2 = 2 \text{ m}$ b) He makes 7 pairs with $2 \text{ m} \times 7 = 14 \text{ m}$