

Work these out.

1. A box of 12 pencils costs Rs 24.

$$1 \text{ pencil costs } \text{Rs } 24 \div 12 = \text{Rs } 2$$

$$4 \text{ pencils cost } \text{Rs } 2 \times 4 = \text{Rs } 8.$$

2. 2 kg of potatoes costs Rs 26.

$$1 \text{ kg of potatoes costs } \frac{26 \div 2}{=} = \frac{13 \text{ Rs.}}{}$$

$$6 \text{ kg of potatoes costs } \frac{13 \times 6}{=} = \frac{78 \text{ Rs.}}{}$$

3. 5 m of cloth costs Rs 200.

$$1 \text{ m of cloth costs } \frac{200 \div 5}{=} = \frac{40 \text{ Rs.}}{}$$

$$18 \text{ m of cloth costs } \frac{40 \times 18}{=} = \frac{720}{}$$

4. 2 L of oil weighs 1 kg 800 g (1,800 g).

$$1 \text{ L of oil weighs } \frac{1800 \div 2}{=} = \frac{900 \text{ g}}{}$$

$$5 \text{ L of oil weighs } \frac{900 \times 5}{=} = \frac{4500 \text{ g}}{}$$

5. 5 crates of apples weigh 100 kg.

$$1 \text{ crate weighs } \frac{100 \div 5}{=} = \frac{20 \text{ kg}}{}$$

$$12 \text{ crates weigh } \frac{20 \times 12}{=} = \frac{240 \text{ kg}}{}$$

6. Lima takes 2 rounds of a track and covers 1,600 m.

$$\text{In 1 round he covers } \frac{1600 \div 2}{=} = \frac{800}{}$$

$$\text{In 5 rounds he covers } \frac{800 \times 5}{=} = \frac{4000}{}$$

7. A ship takes 3 hours to cover 90 km.

$$\text{In 1 hour it covers } \frac{90 \div 3}{=} = \frac{30 \text{ km}}{}$$

$$\text{In 7 hours it covers } \frac{30 \times 7}{=} = \frac{210 \text{ km}}{}$$

8. A factory makes 4,200 bags in a week.

$$\text{In 1 day it makes } \frac{4200 \div 7}{=} = \frac{600}{}$$

$$\text{In 30 days it makes } \frac{600 \times 30}{=} = \frac{18000}{}$$

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

$$\text{He makes 1 pair with } \frac{4 \div 2}{=} = \frac{2 \text{ m}}{}$$

$$\text{He makes 7 pairs with } \frac{2 \times 7}{=} = \frac{14}{}$$



Ex -> 12c11

① 12 egg cost  $\Rightarrow$  36  
 1 egg cost  $\rightarrow 36 \div 12$

$$\begin{array}{r} 12 \overline{) 36} \phantom{0} \\ \underline{36} \phantom{0} \\ 0 \phantom{0} \\ \hline \end{array}$$

3 Rs

18 eggs (cost)  $18 \times 3$   
 54 Rs

② 4 bus ticket cost from Moregaon to Sonagash  $\Rightarrow$  720 Rs  
 1 bus ticket cost  $\Rightarrow 720 \div 4$

$$\begin{array}{r} 180 \text{ Rs} \phantom{00} \\ 4 \overline{) 720} \phantom{00} \\ \underline{4} \phantom{00} \\ 32 \phantom{00} \\ \underline{32} \phantom{00} \\ 0 \phantom{00} \\ \hline \end{array}$$

180 Rs

Cost of 10 tickets  $\rightarrow 180 \times 10$   
 1800 Rs

③ 5 l of Petrol cost  $\Rightarrow$  250  
 1 l of Petrol cost  $\Rightarrow 250 \div 5$

$$\begin{array}{r} 50 \text{ Rs} \phantom{00} \\ 5 \overline{) 250} \phantom{00} \\ \underline{25} \phantom{00} \\ 0 \phantom{00} \\ \hline \end{array}$$

50 Rs

Cost of 20 l Petrol  $\Rightarrow 50 \times 20$   
 1000 Rs

④ To make 2 dresses Sandra uses lace  $\rightarrow$  4m  
 To make 1 dress Sandra use lace  $\rightarrow 4m \div 2$   
 $\rightarrow 2m$   
 To make 12 dress Sandra use lace  $\rightarrow 12 \times 2$   
 24m



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⑤ 4 people

To make ice cream for 4 people Mrs. Hemka use  $\rightarrow$  600ml

To make ice cream for 1 people Mrs. Hemka use  $\rightarrow$  600  $\div$  4

150ml

She need milkshake for 10 people  $\rightarrow$  150  $\times$  10

1500ml

or

(1.250ml)

⑥ 3 cakes of Soap weight  $\rightarrow$  210g

1 cake of Soap weight  $\rightarrow$  210  $\div$  3

70g

20 cake of Soap weight  $\rightarrow$  70  $\times$  20

1400g

(1kg 400g)

⑦ Six bags of rice weight  $\rightarrow$  120kg

1 bag of rice weight  $\rightarrow$  120  $\div$  6

20kg

9 bags of rice weight  $\rightarrow$  20  $\times$  9

180kg

⑧ 3 months charges by a gym  $\rightarrow$  1500R

1 month charge by a gym  $\rightarrow$  1500  $\div$  3

500R

12 month charges by a gym  $\rightarrow$  500  $\times$  12

6000R

Q

A factory makes bicycle in 7 days  $\rightarrow$  3500

A factory makes bicycle in 1 days  $\rightarrow$  3500  $\div$  7  
500

A factory makes bicycle in 30 days  $\rightarrow$

$$\rightarrow 30 \times 500$$

$$15000 \text{ bicycle}$$

