Cosmo School

Short Question

1. 2 kg = [blank] **gram. Fill in the blanks.**

Ans : 2000 gram.

> Rough
>
> 2kg = (2 × 1000) g [∵ 1 kg = 1000 g]
>
> = 2000 g

2. The weight of 1.8 m long iron pipe is 9 kg. What is the weight of 1 m long iron pipe?

Ans : 5 kg.

> Rough
>
> Weight of 1.8 m pipe = 9 kg
>
> ∴ " " 1 m " = $\frac{9}{1.8}$ kg
>
> = $\frac{9 \times 10}{18}$ kg
>
> = $\frac{90}{18}$ kg
>
> = 5 kg

3. 100 cm = how many mm?

Ans : 1000 mm

Rough

100 cm = (100 × 10) mm [∵ 1 cm = 10 mm]

= 1000 mm

4. Hiya can walk 3 km per hour. How many meter she can walk in 2 hours?

Ans : 6000 m.

Rough

In 1 hour Hiya can walk = 3 km

∴ " 2   "   "   "   "   " = (3 × 2) km

= 6 km

= (6 × 1000) m [∵1km = 1000m]

= 6000 m

5. How many kg are there in a ton?

Ans : 1000 kg

Rough

1 Metric ton = 1000 kg

6. How many square meter are in 1 hectare?

Ans : 10000 m²

> Rough
>
> 1 Hectare = 10000 m²

7. How many quintals are there in 1500 kg?

Ans : 15 quintal.

> Rough
>
> 1500 kg = (1500 ÷ 100) quintal [∵1 kg = $\frac{1}{100}$ quintal]

8. What is the basic unit for measurement of weight?

Ans : Gram.

9. The length of a bench is 1 meter and 50 centimeter. What is the total length of 2 same benches?

Ans : 3 m

> Rough
>
> Length of 1 bench = 1m 50cm
>
> = 1cm + (50 ÷ 100) m [∵1cm = $\frac{1}{100}$ m]
>
> = 1m + 0.5 m
>
> = 1.5 m
>
> ∴Length of 2 benches = (1.5 × 2) m = 3 m

10. What is the basic unit for measurement of volume?

Ans : Litre.

Exercise (Do yourself)

1. The price of 1 quintal rice is 5600 Taka. What is the price if one kg rice?

2. 1 kilometre = what in m?

3. 12300 gram = what in quintal?

4. Express 5 kilometre in centimeter.

5. How many times is kilometer to metre?

6. Convert 99m 30cm 5mm into mm.

7. How many quintals are there in 7654 kg?

8. 50 gram 25 centigram is equal to how many centigram?

9. $1 \text{ m}^3 = ? \text{ cm}^3$

10. 1000 cubic centimetre = ? litre?