

Class: 3

Subject: Mathematics

Prepared by Shameema Akhtar

Date: 5/10/2020



Lecture-4 (solution)

Chapter: Measurement

Part -1

Answer to the question no. 1

a. We know,

$$1000 \text{ g} = 1 \text{ kg}$$

$$\text{Therefore, } 9000 \text{ g} = \frac{\cancel{9000}}{\cancel{1000}} \text{ kg}$$

$$= \frac{9}{1} \text{ kg}$$

$$= 9 \text{ kg}$$

b. We know,

$$1000 \text{ g} = 1 \text{ kg}$$

$$\text{Therefore, } 2000 \text{ g} = \frac{\cancel{2000}}{\cancel{1000}} \text{ kg}$$

$$= \frac{2}{1} \text{ kg}$$

$$= 2 \text{ kg}$$

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c. 1000 g = 1 kg

$$\begin{aligned} \text{Therefore, } 10000 \text{ g} &= \frac{10\cancel{0}\cancel{0}\cancel{0}}{1\cancel{0}\cancel{0}\cancel{0}} \text{ kg} \\ &= \frac{10}{1} \text{ kg} \\ &= 10 \text{ kg} \end{aligned}$$

d. 1000 g = 1 kg

$$\begin{aligned} \text{Therefore, } 6000 \text{ g} &= \frac{6\cancel{0}\cancel{0}\cancel{0}}{1\cancel{0}\cancel{0}\cancel{0}} \text{ kg} \\ &= \frac{6}{1} \text{ kg} \\ &= 6 \text{ kg} \end{aligned}$$

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e. $1000 \text{ g} = 1 \text{ kg}$

$$\begin{aligned} \text{Therefore, } 3000 \text{ g} &= \frac{\cancel{3000}}{\cancel{1000}} \text{ kg} \\ &= \frac{3}{1} \text{ kg} \\ &= 3 \text{ kg} \end{aligned}$$

Answer to the question no. 2

1. $a+6$
2. $b+4$
3. $c+1$
4. $d+3$

Part -2

Answer to the question no. 1

1 weight of 1 kg = $1 \times 1 = 1 \text{ kg}$

1 weight of 500 gm = $1 \times 500 = 500 \text{ gm}$

1 weight of 100 gm = $1 \times 100 = 100 \text{ gm}$

1 weight of 10 gm = $1 \times 10 = 10 \text{ gm}$

1 weight of 20 gm = $1 \times 20 = 20 \text{ gm}$

Answer to the question no. 2

1 weight of 1 kg = $1 \times 1 = 1 \text{ kg}$

1 weight of 200 gm = $1 \times 200 = 200 \text{ gm}$

1 weight of 100 gm = $1 \times 100 = 100 \text{ gm}$

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$$2 \text{ weights of } 20 \text{ gm} = 2 \times 20 = 40 \text{ gm}$$

$$1 \text{ weight of } 5 \text{ gm} = 1 \times 5 = 5 \text{ gm}$$

Answer to the question no. 3

$$3 \text{ weights of } 1 \text{ kg} = 3 \times 1 = 3 \text{ kg}$$

$$2 \text{ weights of } 200 \text{ gm} = 2 \times 200 = 400 \text{ gm}$$

$$1 \text{ weight of } 50 \text{ gm} = 1 \times 50 = 50 \text{ gm}$$