



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

CLASS – IV TERM - SECOND SUBJECT- ARITHMETIC ANSWER WORKSHEET – 21 TOPIC – METRIC MEASUREMENTS DATE –16.06.2020

## 1. Convert into g.

1 Kilogram = 1000 grams

or

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

a) 525 kg 330 g

$$= 525 \text{ kg} + 330 \text{ gm}$$

$$= (525 \times 1000) \text{ g} + 330 \text{ g}$$

$$= 525000 \text{ g} + 330 \text{ g}$$

$$= 525330 \text{ g}$$

c) 338 kg 945 g

$$= 338 \text{ kg} + 945 \text{ g}$$

$$= (338 \times 1000) \text{ g} + 945 \text{ g}$$

$$= 338000 \text{ g} + 945 \text{ g}$$

$$= 338945 \text{ g}$$

b) 275 kg 752 g

$$= 275 \text{ kg} + 752 \text{ g}$$

$$= (275 \times 1000) \text{ g} + 752 \text{ g}$$

$$= 275000 \text{ g} + 752 \text{ g}$$

$$= 275752 \text{ g}$$

d) 405 kg 105 g

$$= 405 \text{ kg} + 105 \text{ g}$$

$$= (405 \times 1000) \text{ g} + 105 \text{ g}$$

$$= 405000 \text{ g} + 105 \text{ g}$$

$$= 405105 \text{ g}$$

## 2. Convert into kg and g.

a) 46850 g

$$= 46000 \text{ g} + 850 \text{ g}$$

$$= (46000 \div 1000) \text{ kg} + 850 \text{ g}$$

$$= 46 \text{ kg} + 850 \text{ g}$$

$$= 46 \text{ kg } 850 \text{ g}$$

c) 34661 g

$$= 34000 \text{ g} + 661 \text{ g}$$

$$= (34000 \div 1000) \text{ kg} + 661 \text{ g}$$

$$= 34 \text{ kg} + 661 \text{ g}$$

$$= 34 \text{ kg } 661 \text{ g}$$

b) 52575 g

$$= 52000 \text{ g} + 575 \text{ g}$$

$$= (52000 \div 1000) \text{ kg} + 575 \text{ g}$$

$$= 52 \text{ kg} + 575 \text{ g}$$

$$= 52 \text{ kg } 575 \text{ g}$$

d) 88888 g

$$= 88000 \text{ g} + 888 \text{ g}$$

$$= (88000 \div 1000) \text{ kg} + 888 \text{ g}$$

$$= 88 \text{ kg} + 888 \text{ g}$$

$$= 88 \text{ kg } 888 \text{ g}$$

### 3. Solve:

$$\begin{array}{r} \text{a) kg} \quad \text{g} \\ 565 \quad 520 \\ + 412 \quad 725 \\ \hline 978 \quad 245 \end{array}$$

**Ans. 978 kg 245 g**

$$\begin{array}{r} \text{b) kg} \quad \text{g} \\ 823 \quad 410 \\ + 152 \quad 360 \\ \hline 975 \quad 770 \end{array}$$

**Ans. 975 kg 770 g**

$$\begin{array}{r} \text{c) kg} \quad \text{g} \\ 980 \quad 445 \\ - 615 \quad 335 \\ \hline 365 \quad 110 \end{array}$$

**Ans. 365 kg 110 g**

$$\begin{array}{r} \text{d) kg} \quad \text{g} \\ 868 \quad 910 \\ - 558 \quad 723 \\ \hline 310 \quad 187 \end{array}$$

**Ans. 310 kg 187 g**

### 4. Arrange in columns and add.

a) 39 kg 115 g, 23 kg 920 g and 14 kg 845 g

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 39 \quad 115 \\ 23 \quad 920 \\ + 14 \quad 845 \\ \hline 77 \quad 880 \end{array}$$

**Ans. 77 kg 880 g**

b) 32 kg 665 g, 45 kg 145 g and 19 kg 290 g

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 32 \quad 665 \\ 45 \quad 145 \\ + 19 \quad 290 \\ \hline 97 \quad 100 \end{array}$$

**Ans. 97 kg 100 g**

c) 19 kg 190 g, 29 kg 290 g and 39 kg 390 g

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 19 \quad 190 \\ 29 \quad 290 \\ + 39 \quad 390 \\ \hline 87 \quad 870 \end{array}$$

**Ans. 87 kg 870 g**

d) 26 kg 529 g, 33 kg 798 g and 37 kg 635g

kg	g
26	529
33	798
+ 37	635
<hr/>	
97	962

**Ans. 97 kg 962 g**

### 5. Solve.

a) A basket has 15 kg 450 g apples, 12 kg 250 g grapes and 20 kg 500 g watermelons. What is the total weight of fruits?

Quantity of apples	15 kg 450 g
Quantity of grapes	12 kg 250 g
Quantity of watermelons	+ 20 kg 500 g
∴ Total weight of fruits	<hr/> 48 kg 200 g

**Ans.** The total weight of the fruits is **48 kg 200 g**.

b) Ram bought a sack of onions weighing 75 kg. He gave 27 kg 250 g of onions to one of his friends and 22 kg 750 g to other. How much onion is he still left with him?

Quantity of onions Ram gave to one friend	27 kg 250 g
Quantity of onions he gave to other friend	+ 22 kg 750 g
∴ Total quantity of onions he gave	<hr/> 50 kg 000 g
Quantity of onions he had bought	75 kg
∴ Quantity of onions left with him	75 kg
	- 50 kg
	<hr/> 25 kg

**Ans.** Ram has **25 kg** of onions left with him.

c) Sita bought 50 kg of mangoes. She used 26 kg 225 g for making mango juice, 18 kg 650 g for making mango – shake and the rest she ate. How much mango did she eat raw?

Quantity of mangoes Sita used for mango juice	26 kg 225 g
Quantity of mangoes she used for mango – shake	+ 18 kg 650 g
∴ Quantity of mangoes she used	<u>44 kg 875 g</u>
Quantity of mangoes she had bought	50 kg
∴ Quantity of mangoes she ate raw	50 kg 000 g
	- <u>44 kg 875 g</u>
	<u>05 kg 125 g</u>

**Ans.** Sita ate 5 kg 125 g of mangoes.

d) Milan bought 35 kg 250 g of sweets, Sahil 24 kg 250 g and Ruhan 13 kg 500 g. How much sweets did they buy in all?

Quantity of sweets Milan bought	35 kg 250 g
Quantity of sweets Sahil bought	24 kg 250 g
Quantity of sweets Ruhan bought	+ <u>13 kg 500 g</u>
∴ Total quantity of sweets they bought in all	<u>73 kg 000 g</u>

**Ans.** They bought 73 kg of sweets in all.