



# CHAPTER 8 – WHO IS HEAVIER ?

- **ADDITION AND SUBTRACTION OF MASS**
- **MATHS COPY 2**
- **DATE: 25/01/2022**

- 1) Mass
- 2) International System of Units
- 3) Kg
- 4) Packets of biscuits; Bags of rice/Flour/Sugar
- 5) a) g    b) Kg    c) Kg
- 6) Convert

6) 14 Kg into g

We know,  $1 \text{ Kg} = 1000 \text{ g}$

$$\therefore 14 \text{ Kg} = 14 \times 1000 \text{ g} = 14000 \text{ g}$$

7) Convert 8 Kg 230g into g

We know,  $1 \text{ Kg} = 1000 \text{ g}$

$$\therefore 8 \text{ Kg } 230 \text{ g} = 8 \times 1000 \text{ g} + 230 \text{ g} = 8230 \text{ g}$$

8) Convert 3000g into Kg

We know,  $1 \text{ Kg} = 1000 \text{ g}$

$$\therefore 3000 \text{ g} = (3000 \div 1000) \text{ Kg} = 3 \text{ Kg}$$

9) Convert 59873g into Kg and g

We know,  $1 \text{ Kg} = 1000 \text{ g}$

$$\therefore 59873 \text{ g} = (59873 \div 1000) \text{ Kg} = 59 \text{ Kg } 873 \text{ g}$$

10) Convert 123457g into Kg and g

We know  $1 \text{ Kg} = 1000 \text{ g}$

$$\therefore 123457 \text{ g} = (123457 \div 1000) \text{ Kg} = 123 \text{ Kg } 457 \text{ g}$$

1) ADD 8 KG 575 G AND 4 KG 897 G

**SOLUTION:**

	kg	g
	8	575
	1	11
<hr/>		
	8	575
+	4	897
<hr/>		
	13	472
<hr/>		

Therefore, sum of 8 kg 575 g and 4 kg 897 g = 13 kg 472 g

2) ADD 7 KG 350 G AND 2 KG 150 G

**SOLUTION :**

	kg	g
	7	350
+	<u>2</u>	<u>150</u>
	<u>9</u>	<u>500</u>

Therefore, sum of 7 kg 350 g and 2 kg 150 g = 9 kg 500 g

3) ADD 17 KG, 13 KG 940 G AND 15 KG 65 G

**SOLUTION :**

kg	g
11	1
17	000
13	940
+ 15	065
<u>46</u>	<u>005</u>

Therefore, sum of 17 kg, 13 kg 940 g and 15 kg 65 g = 46 kg 005 g

4) SUBTRACT 11 KG 460 G FROM 25 KG  
765 G

**SOLUTION :**

	<b>kg</b>	<b>g</b>
	25	765
-	<u>11</u>	<u>460</u>
	14	305

Therefore, difference of 11 kg 460 g from 25 kg 765 g =  
**14 kg 305 g**

5) SUBTRACT 24 KG 565 G FROM 45 KG  
225 G

**SOLUTION:**

	kg	g
	45	225
-	<u>24</u>	<u>565</u>
	<u>20</u>	<u>660</u>

Therefore, difference of 24 kg 565 g from 45 kg 225 g = **20**  
**kg 660 g**

6) SUBTRACT 21 KG 370 G FROM 37 KG 675 G

**SOLUTION :**

	<b>kg</b>	<b>g</b>
	37	675
-	<u>21</u>	<u>370</u>
	<u>16</u>	<u>305</u>

Therefore, difference of 21 kg 370 g from 37 kg 675 g = 16 kg 305 g

## WS - 100

### **1. SUBTRACT THE GIVEN WEIGHTS:**

**(I) 76 KG 142 G – 24 KG 031 G**

**(II) 62 KG 579 G – 51 KG 560 G**

**(III) 100 KG 529 G – 36 KG 610 G**

**(IV) 321 KG 450 G – 50 KG 290 G**

**(V) 560 KG 000 G – 110 KG 850 G**

### **2. ADD THE GIVEN WEIGHTS:**

**(I) 50 KG 931 G + 38 KG 279 G**

**(II) 66 KG 440 G + 29 KG 666 G**

**(III) 146 KG 636 G + 254 KG 795 G**

**(IV) 749 KG 970 G + 114 KG 139 G**

**(V) 502 KG 205 G + 479 KG 195 G**

The background is a blue gradient with white circuit-like lines in the corners. The lines consist of straight segments and small circles, resembling a network or data flow diagram.

**THANK YOU**