SESSION : 6
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 12
CHAPTER NAME : MEASUREMENT
SUBTOPIC : ADDITION AND SUBTRACTION OF
WEIGHT, EX-12 F & G

LEARNING OBJECTIVE

- **Enable the students to understand how to add and subtract the weights.**

MEASUREMENT

ADDITION OF WEIGHTS

EXAMPLE – 1 Add 128 kg 75 g and 244 kg 686 g.

kg	g
1	11
128	75
+ 244	686
372	761

Method

Step 1 :

Add the grams first.
75 + 686 = 761. write 761g under the grams' column.

Step 2 :

Add the kilograms.
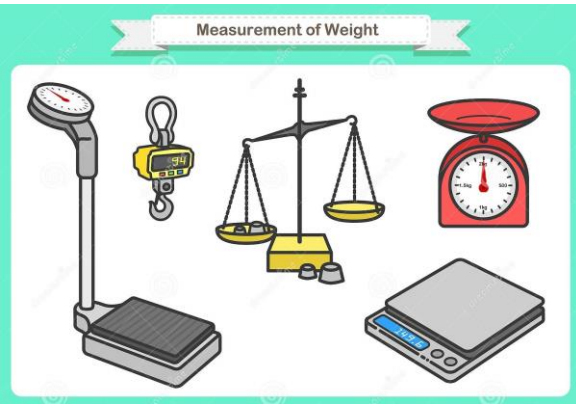128 + 244 = 372. write 372kg under kilograms' column.
Ans : 372kg 761g

Measurement of Weight

MEASUREMENT

ADDITION OF WEIGHTS

Grams should be written as a 3-digit number.
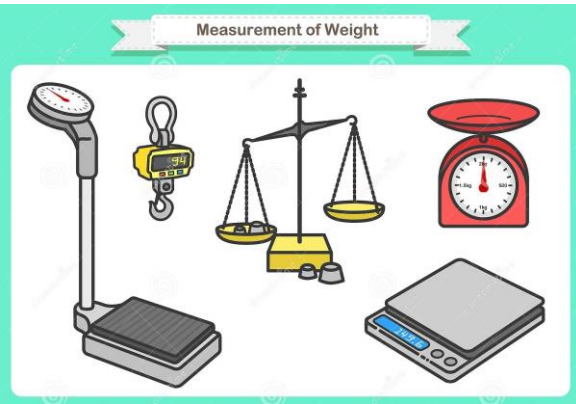
e.g., 38g should be written as 038g and 9g as 009g etc.

Measurement of Weight

ADDITION OF WEIGHT

EXERCISE – 12(F)

A. Add the following.

1

kg	g
1	
8	1 2 4
+ 7	3 2 4
1 5	4 4 8

Measurement of Weight

Ans. 15 kg 448 g

ADDITION OF WEIGHT

EXERCISE – 12(F)

A. Add the following.

	kg	g
2		
	1 2	2 1 4
+	1 7	3 2 5
	2 9	5 3 9

Measurement of Weight

Ans. 29 kg 539 g
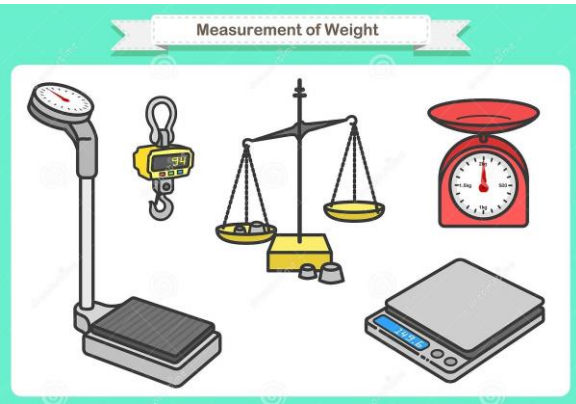
ADDITION OF WEIGHT

B.   **Word problems**.

1.   A man bought 30kg 500g rice from one shop and 48kg 755g rice from another shop. How much rice did he buy altogether?
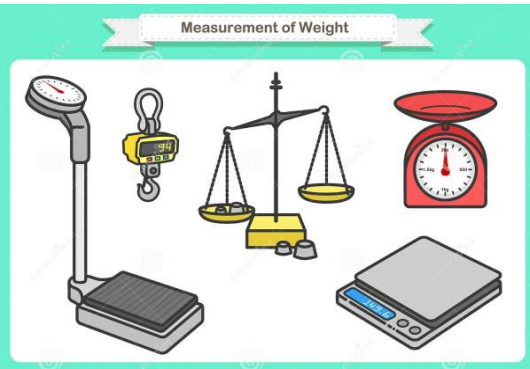
The man bought rice from one shop = 30kg 500g

The man also bought rice from another shop = 48kg 755g

he total bought =

	k g	g
	1	
	3 0	5 0 0
+	4 8	7 5 5
	7 9	**2 5 5**

Hence, 79kg 255g of rice he bought altogether.

Measurement of Weight

MEASUREMENT

SUBTRACTION OF WEIGHTS

EXAMPLE – 1   Subtract 48 kg 85g from 95 kg 250 g.

Method

kg	g
95	250
- 48	85
47kg	**165g**

Measurement of Weight

Step 1 :

Subtract the grams first.
250 – 85 = 165 g.
Write 165 under grams' column.

Step 2 :

Subtract the kilograms.
95 – 48 = 47 kg. write 47 under kilograms' column.
Ans : 47 kg 165 g.
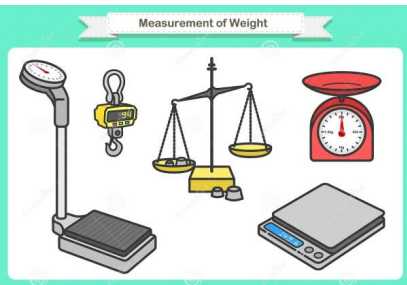
SUBTRACTION OF WEIGHT

EXERCISE – 12(G)

A. Subtract the following.

1

kg	g
8	11 7 13
8 ~~9~~	~~1 8 3~~
- 5 5	3 7 8
3 3	8 0 5

Ans. **33kg 805g**

SUBTRACTION OF WEIGHT

EXERCISE – 12(G)

A. Subtract the following.

2
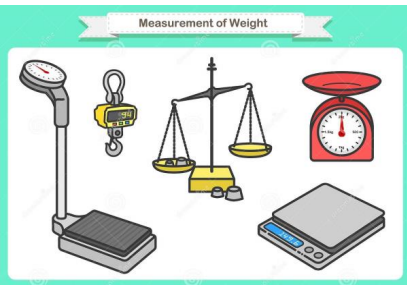
	kg	g
	8 10	11 13 13
	~~9 1~~	~~2 4 3~~
-	4 8	4 6 7
	4 2	7 7 6

Ans. 42kg 776g
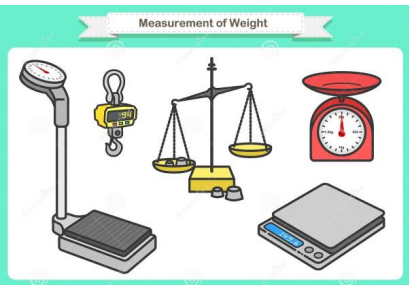
SUBTRACTION OF WEIGHT
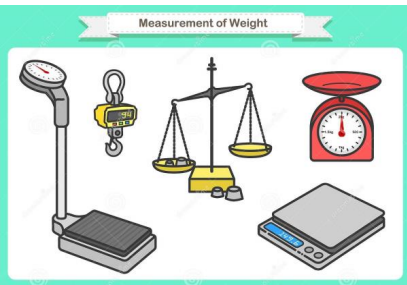
EXERCISE – 12(G)

B.   **Word problems**.

1.   By how much 123kg 160g is less than 208 kg 048g?

one weight is = 208kg 048g

another weight is = 123kg 160g.

The difference between their weight =

kg	g
1 10 7	9 14
2̶ 0̶ 8̶	0̶ 4̶ 8
- 1 2 3	1 6 0
0 8 4	8 8 8

Therefore, The difference between their weight is **84kg 888g**.

SUBTRACTION OF WEIGHT

B. **Word problems**.
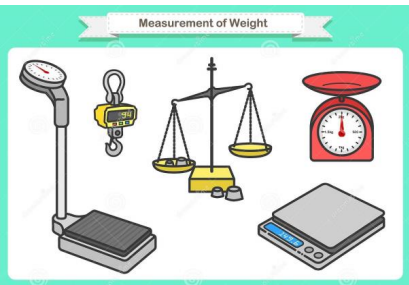
2. What should be added to 74kg 245g to get 86kg 418g?

One weight is = 86kg 418g

another weight is = 74kg 245g.

The difference between their weight =

	kg	g
		3 11
	8 6	4̶ 1̶ 8
-	7 4	2 4 5
	1 2	**1 7 3**

Thus, The difference between their weight is **12kg 173g**.

HOME ASSIGNMENT:

➢ **Complete Exercise – 12 F & G in your note book.**

Students are able to understand how to add and subtract the weight.

THANKING YOU
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