

Chapter – 4

Measurements

Ex 4.1

1. Add

Question 1.

kg	g
3	215
(+) 4	163
<hr/>	

Answer:

kg	g
3	215
(+) 4	163
<hr/>	
7	378
<hr/>	

Question 2.

kg	g
6	525
(+) 2	363
<hr/>	

Answer:

kg	g
6	525
(+) 2	363
<hr/>	
8	888
<hr/>	

Question 3.

kg	g
7	255
(+) 2	163
<hr/>	

Answer:

kg	g
	(1)
7	255
(+) 2	163
<hr/>	
9	418
<hr/>	

2. Subtract

Question 1.

kg	g
43	650
(-) 11	340
<hr/>	

Answer:

kg	g
43	650
(-) 11	340
<hr/>	
32	310
<hr/>	

Question 2.

kg	g
26	754
(-) 20	330
<hr/>	

Answer:

kg	g
26	754
(-) 20	330
<hr/>	
6	424

Question 3.

kg	g
54	115
(-) 36	000
<hr/>	

Answer:

kg	g
4 14	
54	115
(-) 36	000
<hr/>	
18	115

Question 3.

Raman bought 3 kg 250 g of tomatoes, 5 kg 110 g of potatoes and 3 kg 750 g of onions. What is the total weight of the vegetables ?

Answer:

Weight of Tomatoes = 3 kg 250 g

Weight of Potatoes = 5 kg 110 g

Weight of Onions = 3 kg 750 g

\therefore Total weight of vegetables = 3 kg 250 g + 5 kg 110 g + 3 kg 750 g
= 12 kg 110 g

Kg	g
(1)	(1)
3	250
5	110
(+) 3	750
<hr/> 12	<hr/> 110

Ramana bought 12 kg 110 g of vegetables

Question 4.

Kannan bought some fruits and vegetables whose total weight is 3 kg 480 g. If the weight of fruits is 1 kg 657 g, find weight of the vegetables.

Answer:

Weight of Fruits and Vegetables = 3 kg 480 g

Weight of fruits = 1 kg 657 g

Kg	g
2	14 7 10
3	480
(-) 1	657
<hr/> 1	<hr/> 823

∴ Weight of vegetables = 1 kg 823 g

Question 5.

The weight of first bag is 1 kg 200 g more than the weight of the second bag. If the weight of the first bag is 3 kg 500 g. Find the weight of the second bag.

Answer:

The weight of first bag = 3 kg 500 g

More weight of first bag = 1 kg 200 g

Kg	g
3	500
(-) 1	200
2	300

∴ The weight of second bag = 2 kg 300 g

Ex 4.2

Question 1.

Mohana bought 2 kg 600 g grapes and 1 kg 450 g grapes. How much more did Mohana buy grapes than grapes, by weight ?

- 1) 150 g
- 2) 1 kg 150 g
- 3) 1 kg 200g
- 4) 4kg

Answer:

- 2) 1 kg 150 g

Question 2.

put >, < or = in the boxes provided below.

(i) 50 g _____ 340 g

Answer:

50 g \leq 340 g

(ii) 640 g _____ 800 g

Answer:

640 g \leq 800 g

(iii) 34 kg ____ 22kg

Answer:

34 kg \geq 22kg

(iv) 1000 g ____ 1 kg

Answer:

1000 g \equiv 1 kg

Question 3.

Add:

(i)

kg	g
2	326
(+) 6	123
<hr/>	

Answer:

kg	g
2	326
(+) 6	123
<hr/>	
8	449
<hr/>	

(ii)

kg	g
16	564
(+) 11	270
<hr/>	

Answer:

kg	g
	(1)
16	564
(+) 11	270
<hr/>	
27	834

(iii)

kg	g
4	433
(+) 9	264
<hr/>	

Answer:

kg	g
4	433
(+) 9	264
<hr/>	
13	697

Question 4.

(i)

kg	g
8	645
(-) 6	375
<hr/>	

Answer:

kg	g
	5 14
8	645
(-) 6	375
2	270

(ii)

kg	g
5	147
(-) 2	140

Answer:

kg	g
5	147
(-) 2	140
3	007

(iii)

kg	g
7	900
(-) 2	950

Answer:

kg	g
6	¹⁸ 8 10
7	900
(-) 2	950
4	950

Question 4.

The weights of three babies are respectively 3 kg 650g, 5kg 420g and 4kg 750g. Find their total weight?

Answer:

Weight of 1st Baby = 3 kg 650g

Weight of 2nd Baby = 5kg 420g

Weight of 3rd Baby = 4kg 750g

\therefore Total weight = 3 kg 650g + 5kg 420g + 4kg 750g
= 13 kg 820 g

Kg	g
(1)	(1)
3	650
5	420
4	750
13	820

Question 5.

A shopkeeper had 275 kg 450 g of coffee powder. He sold 80 kg 475 g. How much coffee powder left?

Answer:



Weight of Coffee powder Shopkeeper load = 275 kg 450 g

Weight of Coffee powder he sold = 80 kg 475 g

Kg	g
275	450
80	475
194	975

InText Questions

Activity (Text Book Page No. 25)

S. No	Pictures	gram	kilogram
1.			
2.			
3.			
4.			
5.			
6.			

Answer:

gram	kilogram
	✓
✓	
✓	
	✓

	✓
	✓

Activity (Text Book Page No. 26)

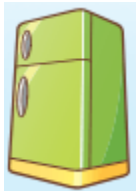
Observe the given picture and circle the correct weight.



5 g 5 kg

Answer:

5 kg



160 g 160 kg

Answer:

160 kg



2000 g 2000 kg

Answer:

2000 kg



1 g 1 kg

Answer:

1 g



50 g 50 kg

Answer:

50 g

Change into grams and kilogram

- a) 1 kg 1000 g
- b) 2kg = _____ g
- c) _____ kg = 3000g
- d) 15 kg = 15000 g
- e) 23 kg = _____ g

Answer:

- a) 1 kg 1000 g
- b) 2 kg = 2000 g
- c) 3 kg = 3000g
- d) 15 kg = 15000 g
- e) 23 kg = 23000 g