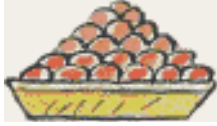
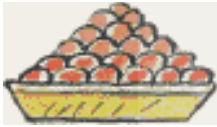


10

How much does it weigh?



It is festival time and Raghu's mother is making 5 kgs of laddoos. She gives Raghu this grocery list



Bengal gram flour	2 kgs
Sugar	3 kgs
Kishmish	200 gms
Kaaju	150 gms
Badam	100 gms



- What is the total weight of dry fruits that Raghu has been asked to bring?
- Write the items on the list in the order of their weights, from lightest to heaviest.
- If Raghu's mother had to make 10 kg of laddoos, then how much more of each item would Raghu have to buy from the store?

Tea Lovers

Pooja lives in Hyderabad with her parents. They all love having tea. They use 3 spoons of tea powder each time they make tea for the three of them. They take daily three times in a day. Each spoon holds about 5 gm of powder leaves.



1. In summer the family has tea, 4 times in the day.
 - (a) How many grams of tea powder will they use on a summer day?
 - (b) How much tea powder will they use in a summer month? Is this more than one kg or less than one kg?
2. In winter they make tea, 6 times in the day.
 - (a) How many grams of tea powder will they use on a winter day?
 - (b) How much tea powder will they use in a winter month? Is this more than one kg or less than one kg?

Do This

1. Go to your nearest grocery shop. Hold the following objects and estimate their weight. Then read their weights and check your estimates.

Item name	Estimated weight	Actual weight
Soap		
Toothpaste		
Washing powder packet		
Rice sack		
Salt packet		
Red gram dal packet		

2. At your home, which items in the kitchen are purchased in grams and which in kilograms?

Items Purchased in kilograms	Items Purchased in grams

Vishal's shop

Vishal has a big junk shop. Today, he has received 45 kg of old newspaper, 26 kg scrap iron and 8 kg of waste plastic at his shop.



- What is the total weight of his collection in the day?
- Vishal paid ₹ 8 for every 1 kg old paper. How much he would have paid for 45 kg?
- Vishal paid ₹ 520 for all the scarp iron that he collected. How much did he pay for 1 kg of scrap iron?
- If Vishal paid ₹ 1000 for all the material given above, then how much did he pay for 8 kg of plastic material? How much did he pay for 1 kg of plastic material?
- Vishal sold each of the three items for ₹ 3 per kg more than what he had purchased them for. So, how much has he earned in the day?

Measure your weight

Find out your weight and the weight of 4 of your friends using a measuring scale.

Name	Weight
	_____ kg _____ gm



Who is the heaviest? _____

Who is the lightest? _____

At the Grocery Shop

A shopkeeper has 170 kg of Bengal gram dal, 450 kg of Red gram dal and 240 kg Green gram dal in stock. He sells these dals in packets of 2 kg, 1 kg and 500 gm.



- He makes 2 kg packets of all the Red gram that he has in stock. How many packets will he have?
- He packs 80 kg of Bengal gram in 1 kg packets and 90 kg in 500 gm packets. How many packets of each weight will he have?
- He packs 80 kg of Green gram in 2 kg packets, 40 kg in 1 kg packets and 120 kg in 500 gm packets. How many packets of each weight will he have?

A wholesale grocer has items in larger quantities.

Fill in the table with total weight of each item.

1 Quintal = 100 kilograms

Item	No. of bags	Weight of each bag	Total weight	
			kg	quintals
Onions	20	40 kg		
Paddy	18	75 kg		
Red gram	10	70 kg		

The heaviest animals in the world

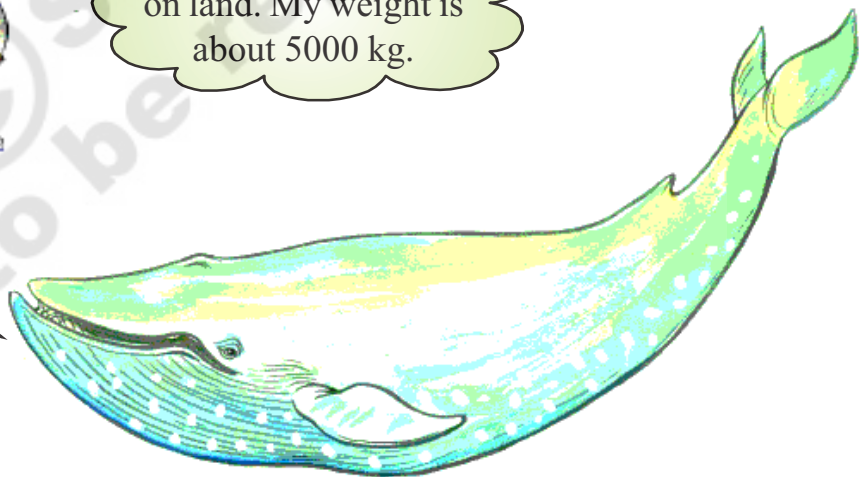
About how many kilograms do you think a cat weighs? Similarly Dog's? Pig's? Cow's?

Who do you think is the heaviest animal in the world?



I am the heaviest animal on land. My weight is about 5000 kg.

My weight is about 35 times more than yours. I live in sea.



- Think, which animal in your surroundings weighs closest to your weight?
- If each child in your class weighs 25 kg, then will the weight of all the students in your class be more than or less than an elephant's weight?
- The weight of the elephant is about how many times of your weight?
- How many quintals does the elephant weigh?

Heavy weight carriers



Container Truck



Truck



Lorry

How much weight can these trucks carry?

- The lorry can carry 7500 kg. of weight. If one carton weighs 15 kg then how many such cartons can the lorry carry?
- The truck can carry 9,000 kg. of weight Shyam is loading sacks of rice into the truck, each weighing about 50kg. How many such sacks can Shyam load into the truck?
- The container truck can carry 20,000kg. of weight. How many cars weighing each about 2500 kg can the truck carry?
- How many quintals of weight can the three types of vehicles carry?

Exercise

- The weight of one mango is 400 gm, one guava is 200 gm and one musk melon is 1 kg 200 gm. Now fill this table based on this information.

Weight of 2 mangoes = Weight of _____ guavas

Weight of 5 musk melons = Weight of _____ mangoes

Weight of 5 mangoes and 2 guavas = Weight of _____ musk melons

2. Bhanu bought 3 kg 500 gm of jilebi, 2 kg 250 gm of mysorepak and 1 kg 750 gm badhushaw and 750 gm of jamun. What is the total weight of the sweets that Bhanu bought?
3. A box contains 8 kg 750 grams of apples. If there are 12 such boxes, find the total weight of apples?
4. A school received 6 quintals of rice for mid-day meal in the month of June. They utilized 475 kg. How many kg of rice is unutilized?
5. This truck can carry 10000 kg of weight.



- (a) So how many quintals can the truck carry?
- (b) If it is already loaded with 3650 kg, how many more kilograms of weight can it carry? the weight equals to about how many quintals?