

NCERT SOLUTIONS

CLASS - 3rd



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Class : 3
Subject : Maths
Chapter : 8
Chapter Name : Who Is Heavier?

Q1 Are the groundnuts really more than the jaggery (gur) in weight or do they just look more?

Answer. No, the groundnuts do not weigh more than jaggery. Both of them are equal in weight i.e. 1 kg. They only look more in number as compared to jaggery.

Page : 113 , Block Name : Gur (jaggery) And Groundnuts

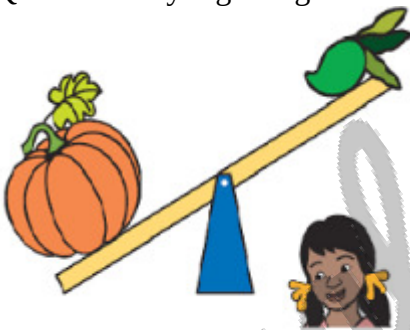
Q2 Now guess, for which of these you need a bigger bag:

- (1) 1 kg popcorn or 1 kg sugar?
- (2) 1 kg peas or 1 kg potatoes? Go to the market and check if your guess is right.

Answer. (1) We need a bigger bag for 1 kg popcorn.
(2) We need a bigger bag for 1 kg peas.

Page : 113 , Block Name : Gur (jaggery) And Groundnuts

Q1 How many big mangoes can balance the pumpkin



Answer. Nearly 20 big mangoes can balance the pumpkin.

Page : 115 , Block Name : Pumpkin Tomato 'Panga'

Q2 How many pumpkins can balance you on the see-saw?

Answer. 6 pumpkins can balance me on the see-saw.

Page : 115 , Block Name : Pumpkin Tomato 'Panga'

Q3 Name some of your classmates who you think weigh

- (a) Almost the same as you _____
- (b) More than you _____
- (c) Less than you _____

Answer. DIY

Page : 115 , Block Name : Pumpkin Tomato ‘Panga’

Q4 How many books can you lift on one hand keeping your arm straight?

Answer. I can lift only one book with my hand keeping my arm straight.

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Q1 Now guess her weight and the amount of sweets her parents distribute every Independence Day.

<i>Kunjamma's age</i>	<i>Kunjamma's weight</i>	<i>Amount of sweets</i>
At birth	3 kg	$3 + 3 = 6$ kg
1 year old	9 kg	_____
2 years old	_____	$13 + 13 = 26$ kg
3 years old	17 kg	_____
4 years old	_____	_____
5 years old	28 kg	_____

Answer.

<i>Kunjamma's age</i>	<i>Kunjamma's weight</i>	<i>Amount of sweets</i>
At birth	3 kg	$3 + 3 = 6$ kg
1 year old	9 kg	<u>$9 + 9 = 18$ kg</u>
2 years old	<u>13 kg</u>	$13 + 13 = 26$ kg
3 years old	17 kg	<u>$17 + 17 = 34$ kg</u>
4 years old	<u>20 kg</u>	<u>$20 + 20 = 40$ kg</u>
5 years old	28 kg	<u>$28 + 28 = 56$ kg</u>

Page : 116 , Block Name : Double Her Weight

Q1 Help him match the things with their right amounts

1 kg	rice
half kg	daal
_____	peas
_____	water
_____	onions
_____	salt
_____	mustard seeds
_____	red chilli powder

Answer.

1 kg	rice
half kg	daal
1 bowl	peas
8 glasses	water
2	onions
a spoon	salt
2 spoon mustard seeds	mustard seeds
1 pinch	red chilli powder

Page : 117 , Block Name : Yum-Yum Rice

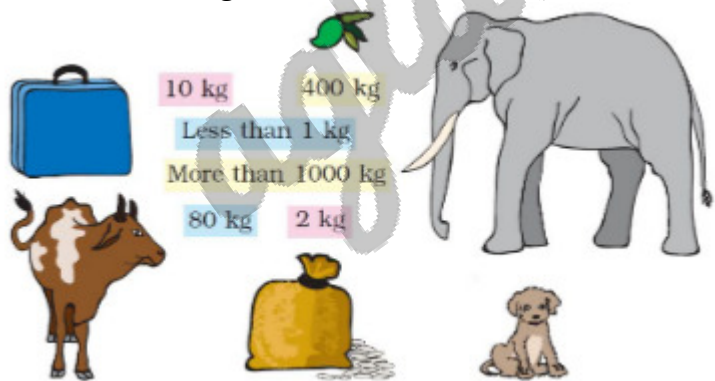
Q1 Make a list of things bought at your home. Find out how much of each thing is bought at one time. These things can be rice, oil, chilli powder, sugar, milk, onions, ginger, etc.

Name of thing	How much bought

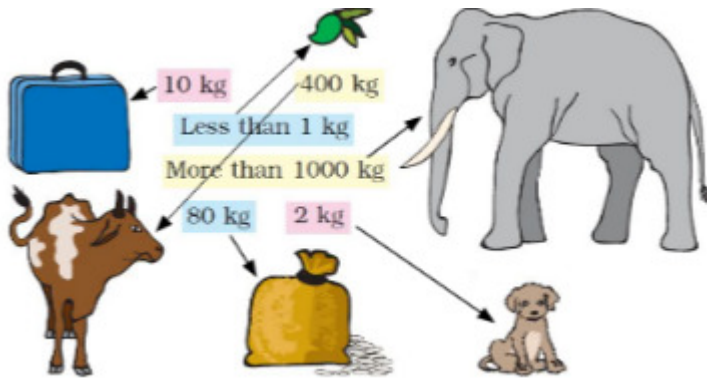
Answer. Missing

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Q1 Guess their weights and match



Answer.



Page : 119 , Block Name : Activity Time

Q2 Guess which of the following things weigh more than 1 kilogram? Which ones will weigh less than 1 kilogram (kg)?

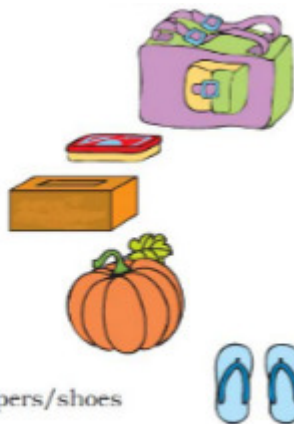
i) Your school bag

ii) Geometry box

iii) A brick

iv) A big pumpkin

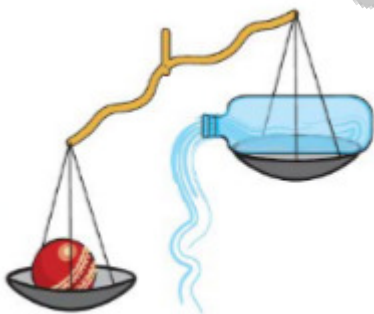
v) Your pair of slippers/shoes



Answer. (i) School bag weighs more than 1 kg.
 (ii) Geometry box weighs less than 1 kg.
 (iii) Brick weighs more than 1 kg.
 (iv) A big pumpkin weighs more than 1 kg.
 (v) Your pair of slippers/shoes weigh less than 1 kg.

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Q1 Use your balance to find which of the following is heavier —



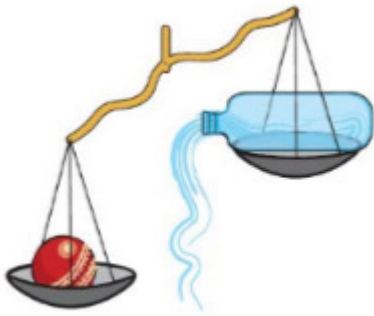
(i) A water bottle or a cricket ball
 (ii) Your shoe or your pencil box
 (iii) Your Maths book or Hindi book
 (iv) Your bag or your friend's bag

Answer. (i) A water bottle is heavier than a cricket ball.

(ii) Our shoe is heavier than our pencil box.

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Q2 Weigh 1 kg of mud or sand. Divide it equally into 2 bags. Use the balance to check if both the bags have equal weight.



Each bag of mud is your half-kg weight. Use it to weigh some other things around you.

Answer. If we equally divide 1 kg of mud or sand into two bags, the weight of both the bags will be equal. Now, with each half-kg weight, you can weigh fruits, vegetables or even textbooks on a balance

Page : 120 , Block Name : Activity Time

Q3 Make a list of

- (i) Things weighing less than half kg.
- (ii) Things weighing more than half kg.

Answer. (i) Things weighing less than half kg are a geometry box, pair of sandals, your uniform, and lunch box.

(ii) Things weighing more than half kg are your school bag, own weight, and bed

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