

CHAPTER -8

WHO IS HEAVIER

2MARK QUESTIONS

1Q: Are the groundnuts really more than the jaggery (gur) in weight or do they just look more?

Ans: No, the groundnuts are not more than jaggery because both weigh the same. The groundnuts look more than jaggery because it is lighter and occupies more space.

2Q: Now guess, for which of these you need a bigger bag:

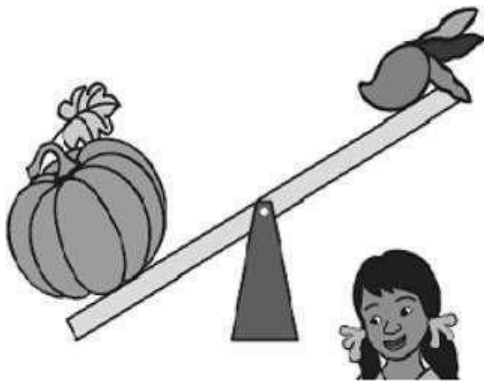
1. 1 kg popcorn or 1 kg sugar?

Ans: One kg of popcorn would require a bigger bag. This is because the popcorn fills up more space as compared to sugar.

2. 1 kg peas or 1 kg potatoes? Go to the market and check if your guess is right.

Ans: One kg peas would require a bigger bag because the space needed by peas is more than the space required by the same weight of sugar.

3Q: How many big mangoes can balance the pumpkin?



Ans: The weight of a pumpkin can be balanced by around 10 mangoes.

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

Ans: To balance my weight on the see-saw, we need at least 7 pumpkins to be kept on the

other side.

5Q: Name some of your classmates who you think weigh

- Almost the same as you** _____ **Ans:** John weight is same as mine.
- More than you** _____ **Ans:** Ramya weight is more than me.
- Less than you** _____ **Ans:** Radhika weighs less than me

6Q: How many books can you lift on one hand keeping your arm straight?

Ans: Keeping my arm straight my hand can lift only two books at a time.

7Q: Now guess her weight and the amount of sweets her parents distribute every Independence Day.

Kunjamma's age	Kunjamma's weight	Amount of sweets
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	_____

Ans:

Kunjamma's age	Kunjamma's weight	Amount of sweets
At birth	3 kg	3 3 6 kg □ □
1 year old	9 kg	9 9 18 kg □ □
2 years old	13 kg	13 13 kg 26
3 years old	17 kg	17 17 kg 34
4 years old	20 kg	20 20 k 40 g
5 years old	28 kg	28 28 k 56 g



8Q: Help him match the things with their right amounts.

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

Ans:

1 kg	rice
half kg	daal
1 bowl	peas
5 glasses	water
3 onions	onions
1 pinch	salt
1 spoon	mustard seeds
3 spoon	red chilli powder

5MARK QUESTIONS

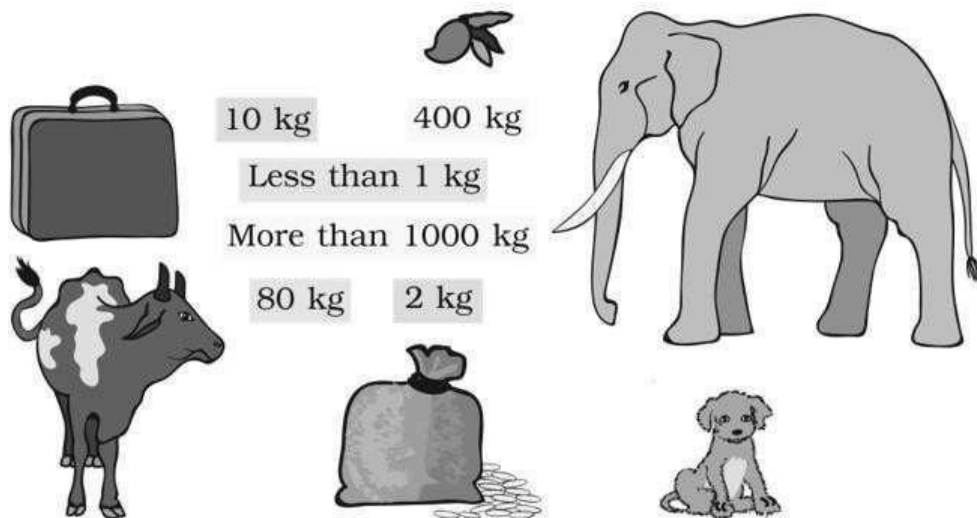
1Q: Make a list of things bought at your home

Find out how much of each thing is bought at one time. These things can be rice, oil, chilli powder, sugar ect.

Ans:

Name of thing	How much bought
Rice	5 kg
Potato	1 kg
Wheat	2 kg
onions	4 kg
ginger	Half kg
chilli powder	Half kg
sugar	1 kg

2Q. Guess their weights and match.



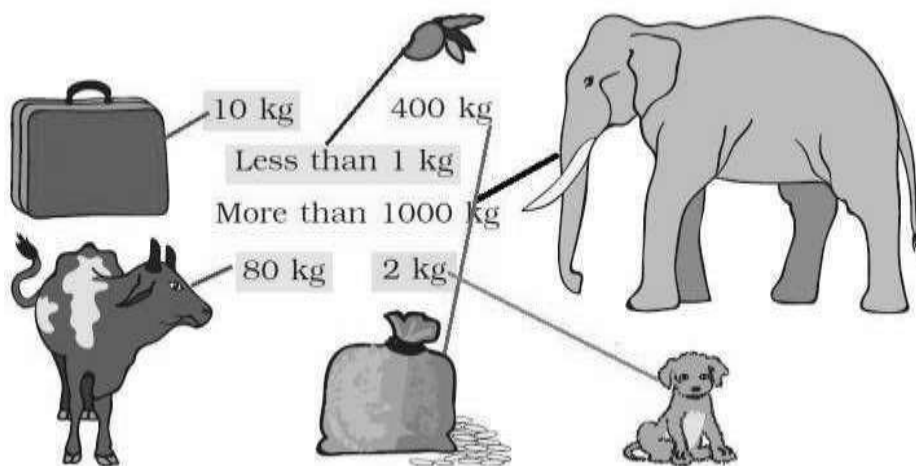
Ans:

Mango- less than 1 kg Dog - 2kg

suitcase - 10 kg Sack - 400 kg


Cow - 80 kg


Elephant - More than 1000 kg.





3Q: Guess which of the following things weigh more than 1 kilogram? Which ones will weigh less than 1 kilogram (kg)?

1. Your school bag  Ans: More than 1 kg.

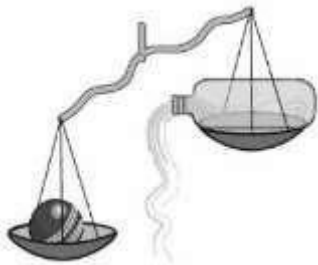
2. Geometry box  Ans: Less than 1 kg.

3. A brick  Ans: More than 1 kg.

4. A big pumpkin  Ans: More than 1 kg.

5. Your pair of slippers/shoes  Ans: Less than 1 kg.

4Q. Use your balance to find which of the following is heavier



- i. A water bottle or a cricket ball Ans: cricket ball
ii. Your shoe

MATHS
or your pencil box
Ans: Shoe

iii. Your Maths book or Hindi book Ans: Maths

iv. Your bag or
your friend's bag. Ans: My bag

5Q: 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

Make a list of Things weighing less than half kg. Things weighing more than half kg.



Ans: Things weighing more than half kg- school bag, filled water bottle and jar of sugar.
Things weighing less than half kg- pencil box, fruits, charger and shoes.