

Length of the table  
 Length of the spoon  
 What contains more water?

Glass

Jug

Which is heavier?

Apple

Pine apple



### USING BODY PARTS

Q1. Now look at the different objects and find out which body part will be used for the measurement of these objects.

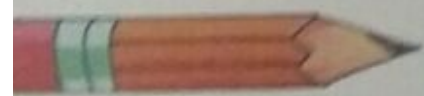


hand span

finger

pace

cubit



Pencil

Eraser

Black board

Classroom

finger, span

finger

cubit

Steps

Size of body parts differ from person to person. So the results will also differ

Using arbitrary objects : How long is the comb?



Length of the comb is :-

7 all pins

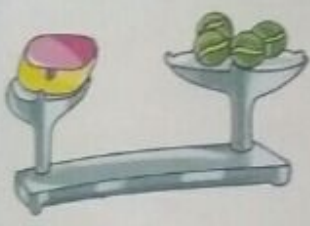


2 hair pins



3 erasers

How heavy is the purse?



weight of purse is equal to :-

4 balls

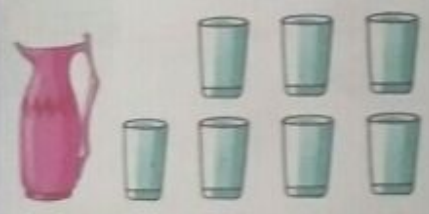


2 apples



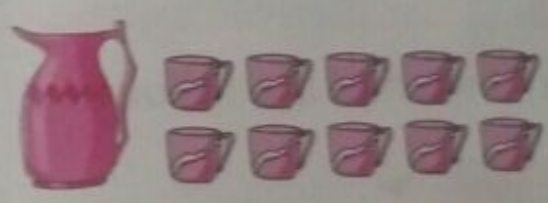
1 pine apple

How much does a jug hold?

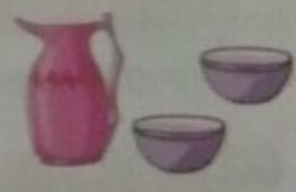


The capacity of the jug is equal to

7 glasses



10 cups

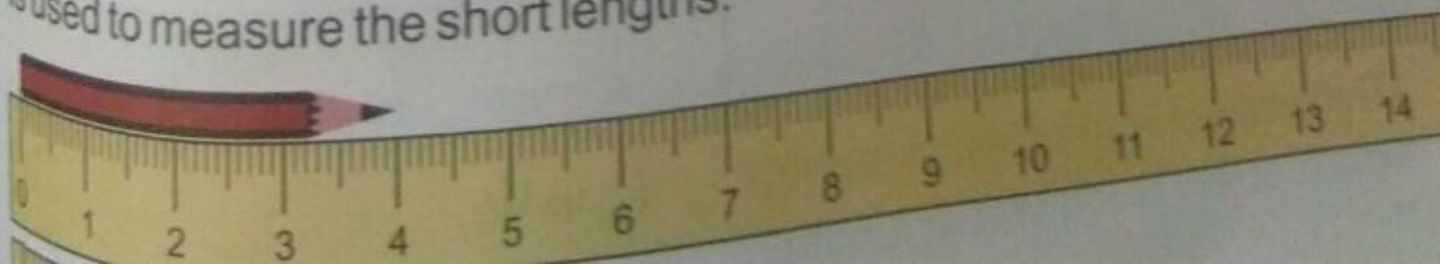


2 bowls

We observe that :-

In each of the cases results vary. So there is a need to devise certain standard units of measurement which do not make results differ

Standard unit to measure length:- Centimetre is a standard unit of length is used to measure the short lengths.








(c) Compare the lengths of bat, tooth brush, pencil and flute.  
 (d) Find the total length of the tooth brush and the bat.



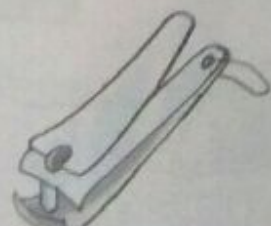

Q2. Which standard unit is used to measure the following.

(a) length of		<u>cm</u>
(b) height of the		<u>m</u>
(c) length of the		<u>cm</u>
(d) height of the		<u>m</u>
(e) length of the		<u>m</u>
(f) length of		<u>cm</u>

Q3. Which of the following measures more than 1 m. Tick the correct box.

				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
length of knife	length of scissor	length of bus	height of the wall	length of the shoe

Q4. Which of the following measures less than 1 m. Tick the correct answer

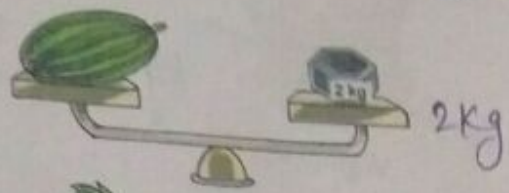
(a) 	(b) 
length of aeroplane <input type="checkbox"/>	length of the fork <input checked="" type="checkbox"/>
(c) 	(d) 
	height of the building <input type="checkbox"/>

Exercise 9.2

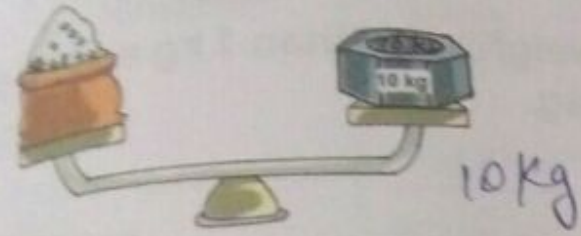
Write the weight of the following.



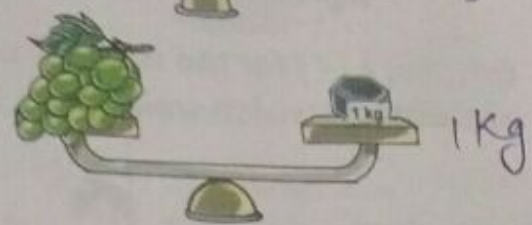
5 kg



2 kg



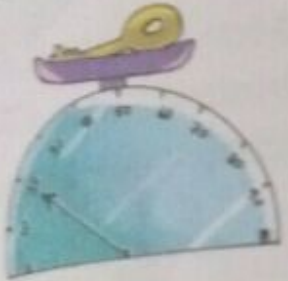
10 kg



1 kg



Read the arrows and find the weight of the following.



weight of the key is 30 g



weight of a pastry is 40 g



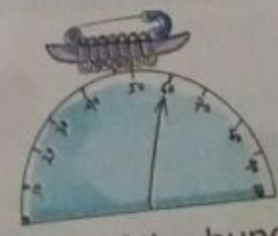
weight of carrots is 90 g



weight of pickle bottle is 80 g

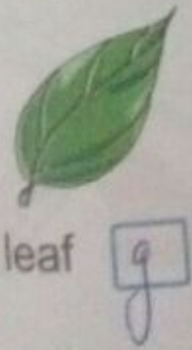


weight of the spoon is 10 g



weight of the bunch of safety pin is 60 g

Q3. Which standard unit would you use to measure the weights of the following.



leaf g



thick book  kg



feather g



Vegetable

kg



Chocolate

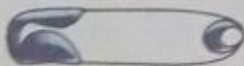
g



Chippis

g

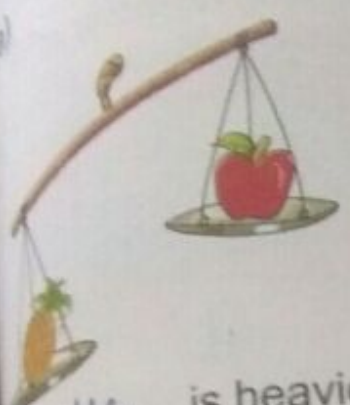
Q4. Put a (✓) for the objects which weigh more than 1 kg and (x) for the objects which weigh less than 1 kg.



Q5. Match the heavier object with the correct side.

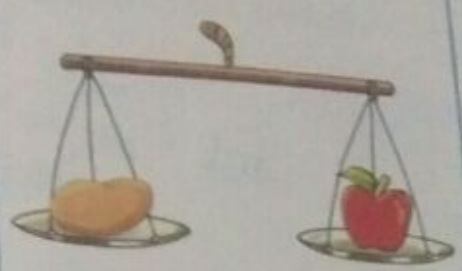


126. Compare on the basis of figure.



Pineapple is heavier than apple.

(b)



Potato weighs equal to Apple.

(c)



Orange is lighter than watermelon.

### Standard unit to measure capacity

A **millilitre** is a standard unit of capacity. It is used to measure small quantity of liquids



5 drops of water is about 1 ml



1 tea spoon of lemon juice is about 5 ml



A glass of water is about - 200 ml

The short form of millilitre is 'ml'

**litre** is another standard unit to measure capacity. It is used to measure large quantities of liquids



It contains about 20 litres of water



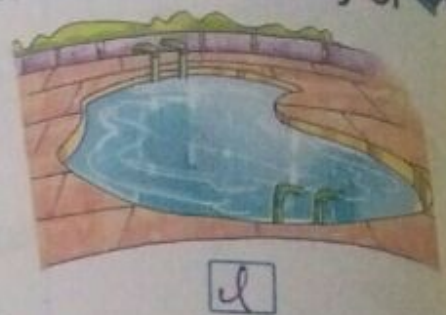
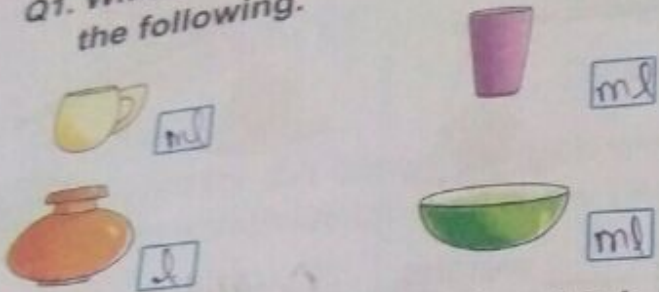
It contain about 500 litres of water



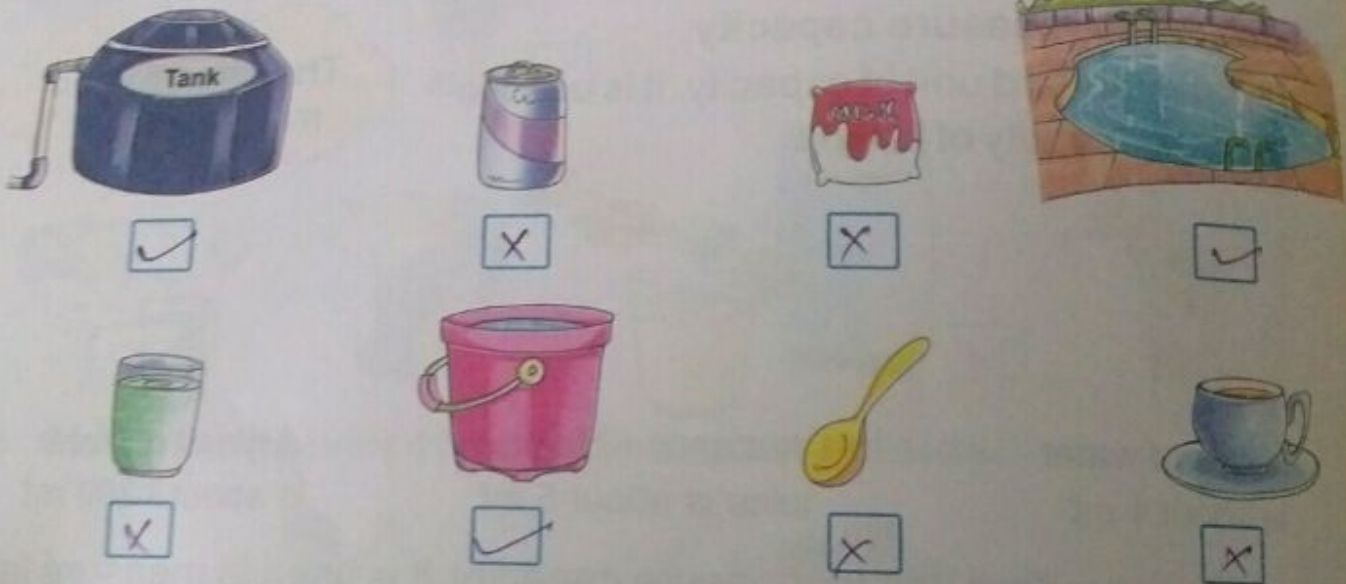
It contain about 2 litres of oil

### Exercise 9.3

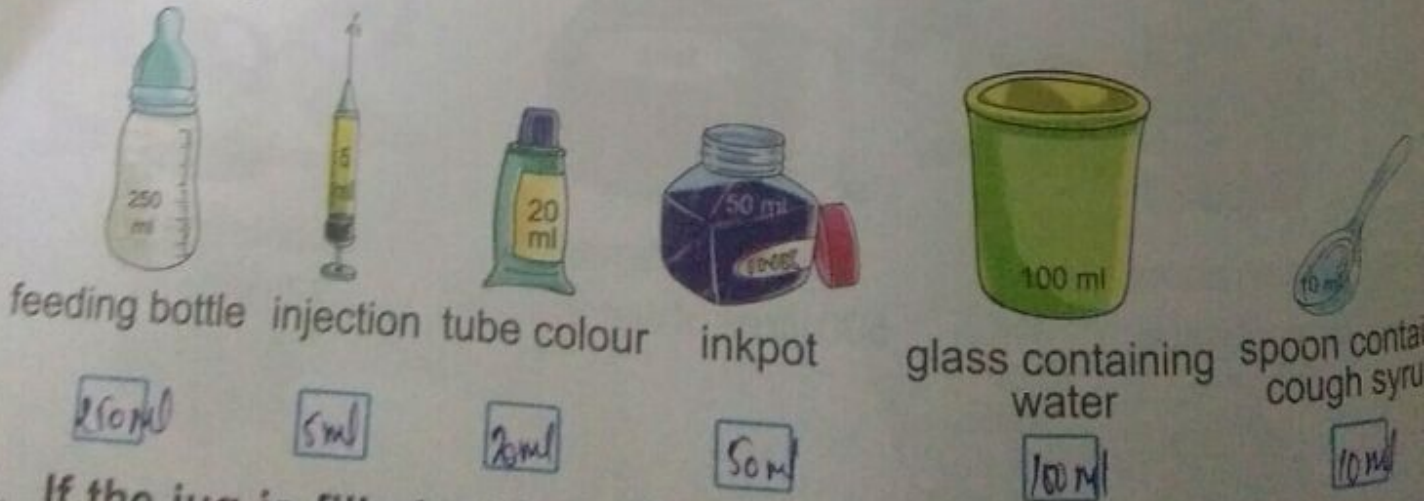
Q1. Which standard unit will you use to measure the capacity of the following.



Q2. Put a (✓) for the objects which hold more than 1 litre and (x) for the objects which hold less than 1 litre.



Q3. Number the following from smallest capacity to the greatest capacity.



Q4. If the jug is filled with 6 glasses of water then what can you say about the capacity of glass as compared to the capacity of jug.