

# Measuring Mass using a centigram balance.

1. With nothing on the tray, move all of the markers to zero. The arrow should now be centred.

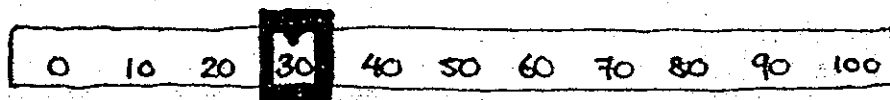


2. Put the object you are trying to weigh on the tray.

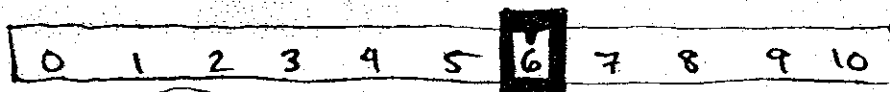
3. Start with the biggest marker. Move it to the right. If the arrow dips BELOW the centre marker, move it back until the space before the one that made it dip.

- Move to the next marker. Repeat.
- With the smallest marker, move it right until the arrow is just balanced on the centre line. Stop.

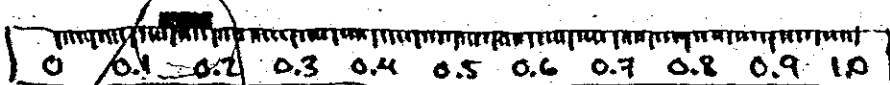
4. Read the measurements by adding the numbers by each marker



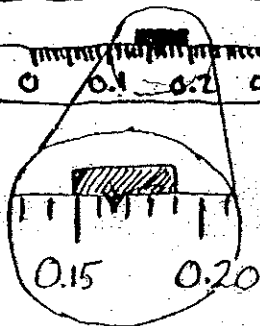
reading: 30 g



reading: 6 g



reading: 0.16 g



reading: 0.005  
(mid-way between)  
0.16 and 0.17

Total mass: 36.165 g

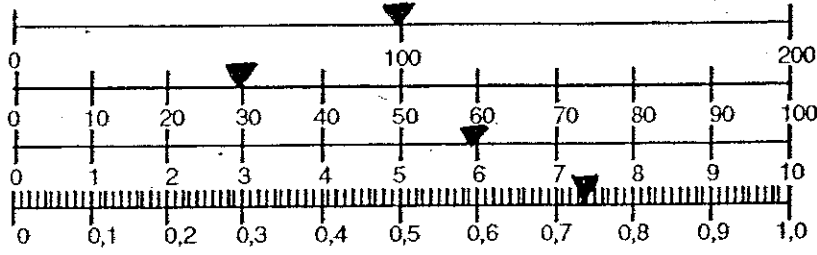
[to 3 decimal places,  
the nearest 0.005 g.]

don't forget un

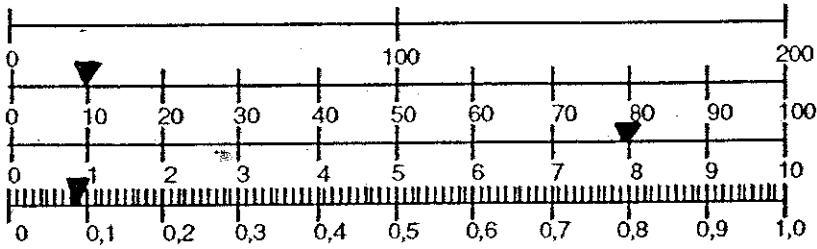
Name: \_\_\_\_\_

Date: \_\_\_\_\_

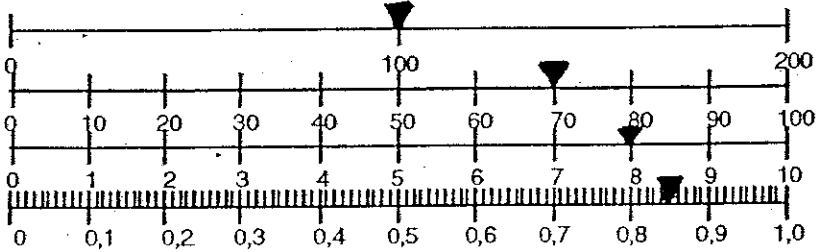
Write the correct mass value



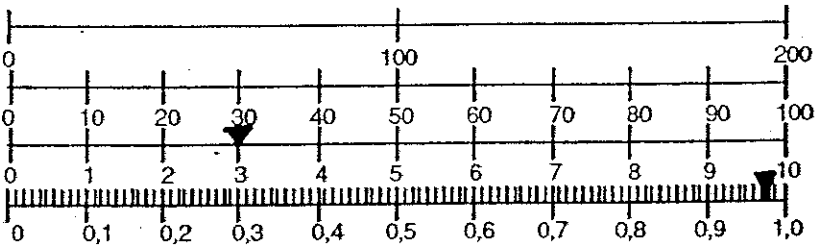
\_\_\_\_\_ g



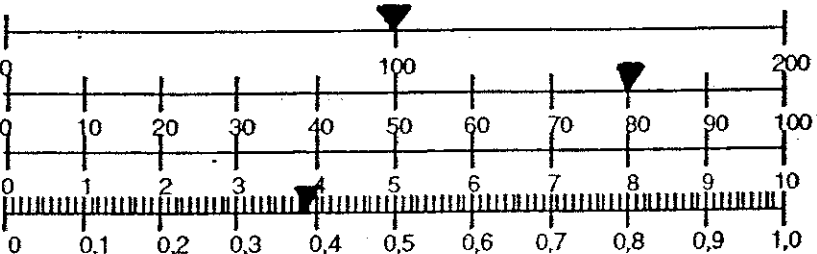
\_\_\_\_\_ g



\_\_\_\_\_ g



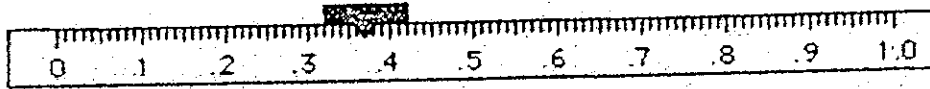
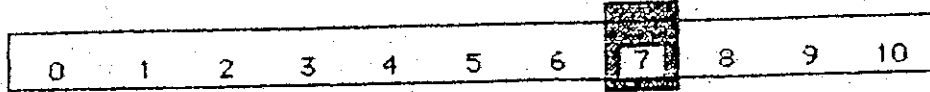
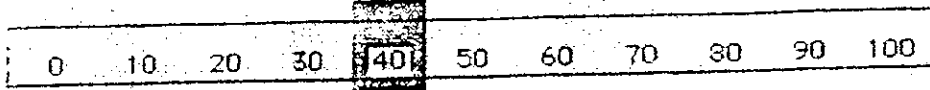
\_\_\_\_\_ g



\_\_\_\_\_ g

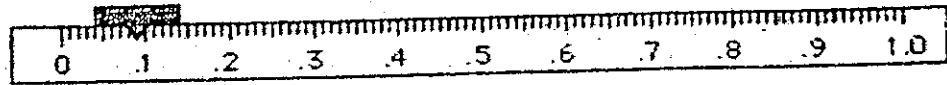
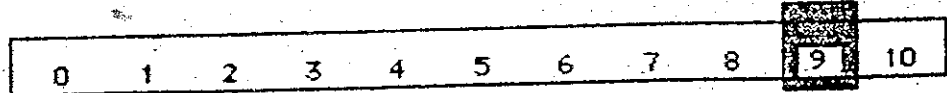
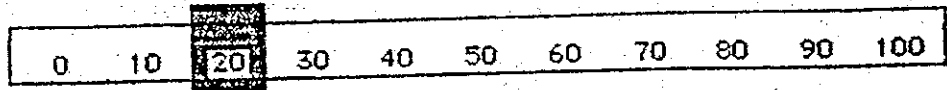
# Science 8 Measuring Mass Practice Worksheet

For the readings below give the correct answer

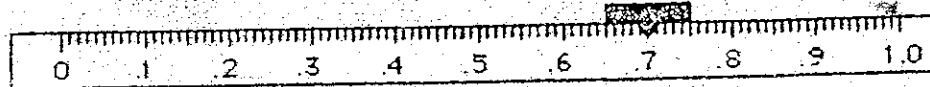
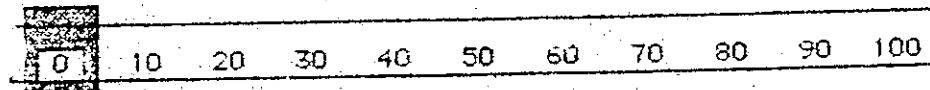


mass = \_\_\_\_\_

2.

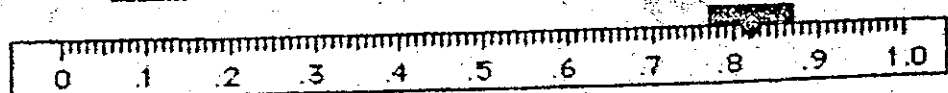
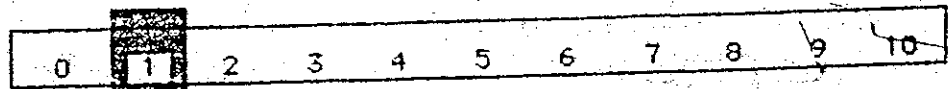
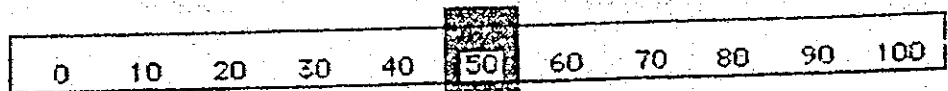


mass = \_\_\_\_\_



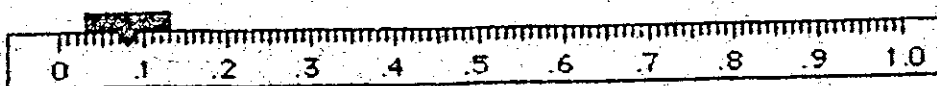
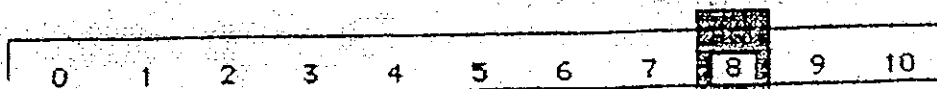
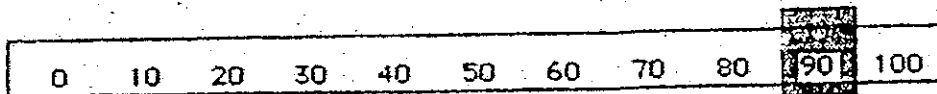
mass = \_\_\_\_\_

4.



mass = \_\_\_\_\_

5.



mass = \_\_\_\_\_

