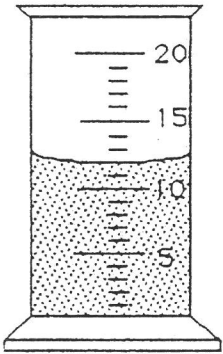


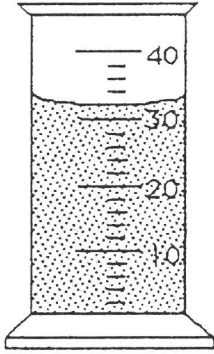
Name _____

SCIENTIFIC MEASUREMENT Reading Graduated Cylinders and Measuring Line Segments

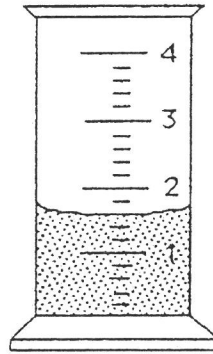
Read the meniscus line on these graduates.



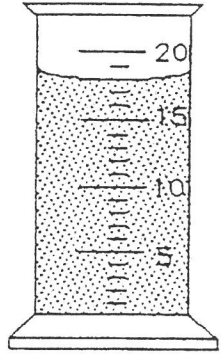
1. _____ ml



2. _____ ml

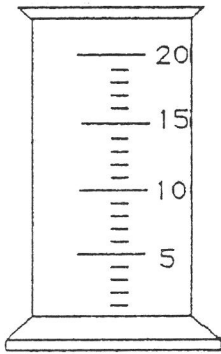


3. _____ ml

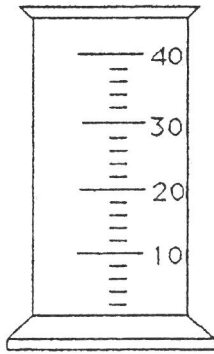


4. _____ ml

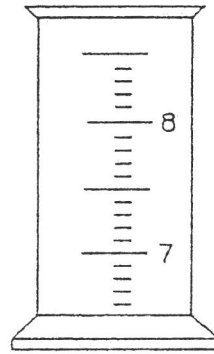
Draw a meniscus for each of the following graduates.



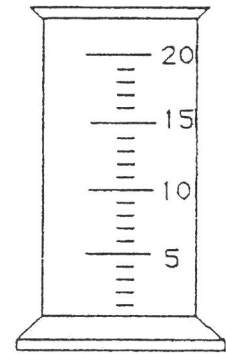
5. 14 ml



6. 22 ml



7. 7.6 ml



8. 12.5 ml

Measure the following line segments in centimeters.



SCIENTIFIC MEASUREMENT

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14. measure the desk you are at (Top only)

15. measure you

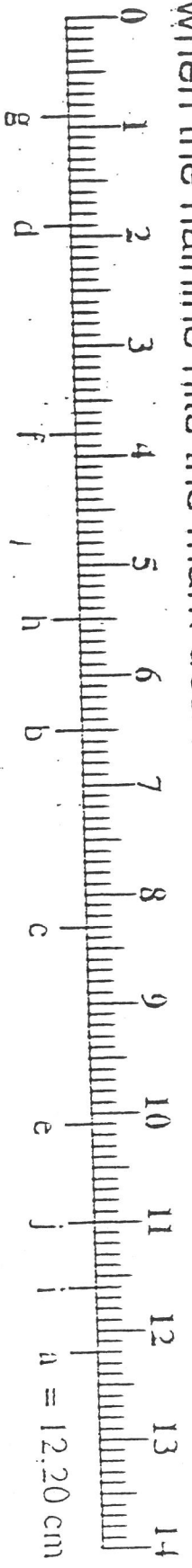
16.

ESTIMATE THE LAST DIGIT

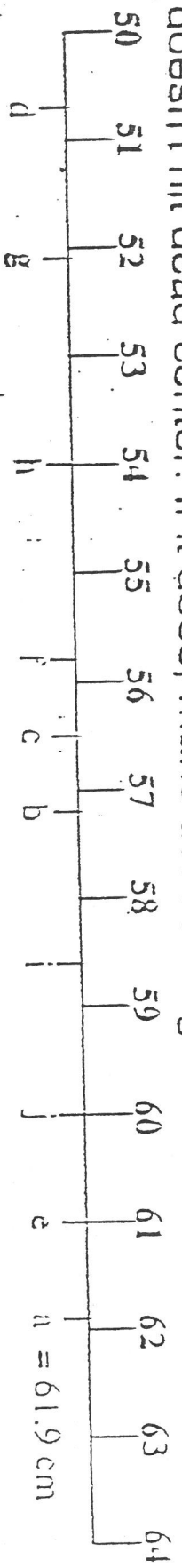


Measuring Length ()

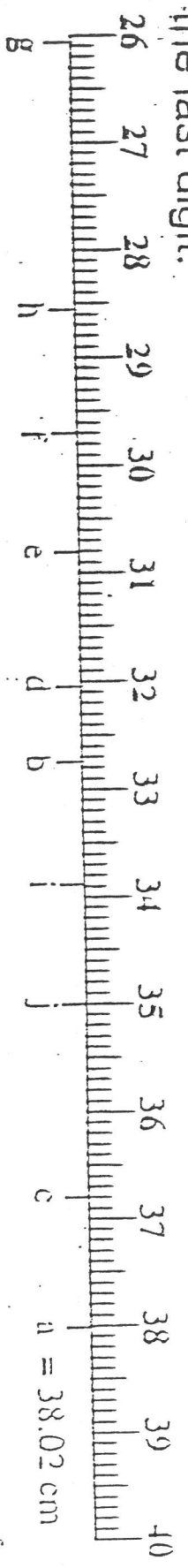
16. Write the correct measure for each letter. Always make the last digit zero when the hairline hits the mark dead center.



17. Write the correct measure. Estimate between marks when the hairline doesn't hit dead center. If it does, make the last digit zero.



18. Write the correct measure. Apply the rules you learned above when writing the last digit.



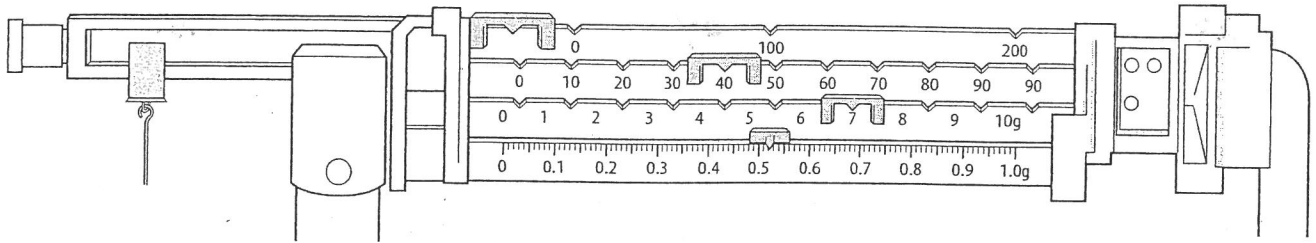
SECTION 19

Measurement Skill

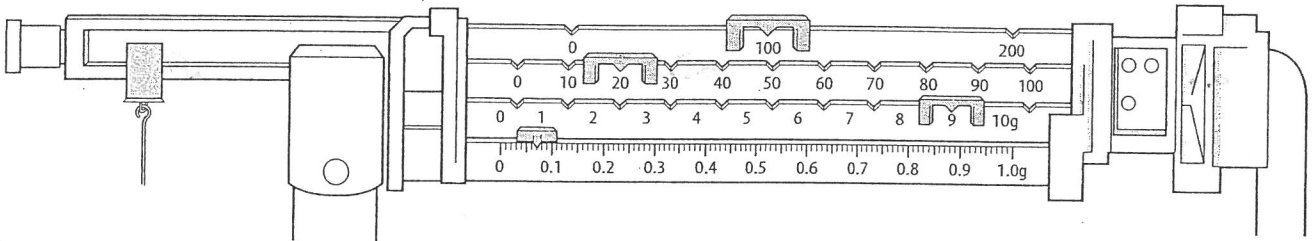
Finding Mass with a Balance

Determine the mass shown on each of the balances.

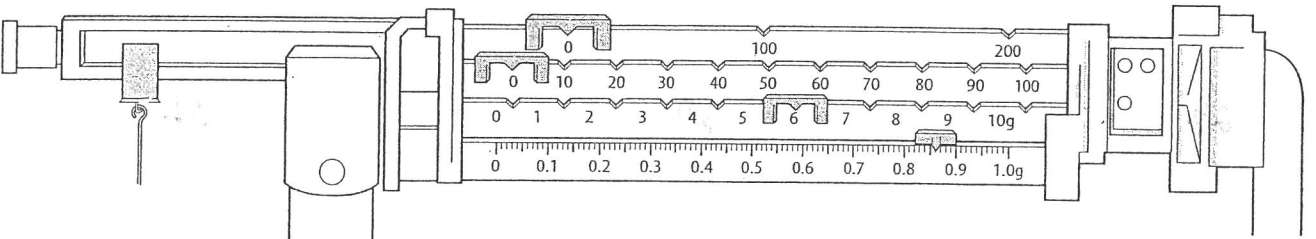
19 The mass of the object would be read as _____.



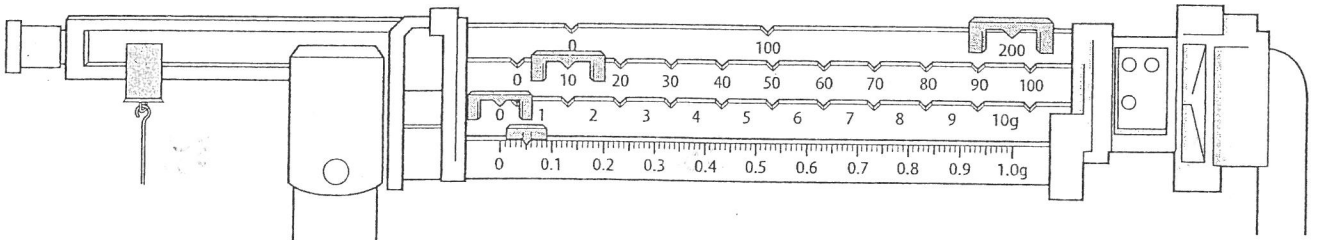
20 The mass of the object would be read as _____.



21 The mass of the object would be read as _____.



22 The mass of the object would be read as _____.



SECTION 18

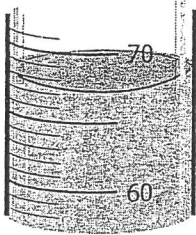
Measurement Skill

Measuring Liquid Volume

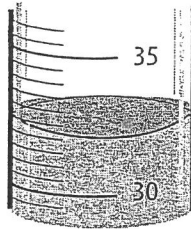
Not all graduated cylinders have the same scale.

Read the volume of liquid in each of the graduated cylinders below.

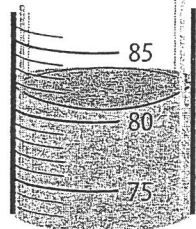
23. _____



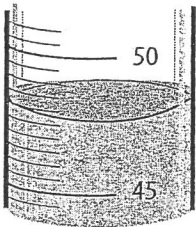
24. _____



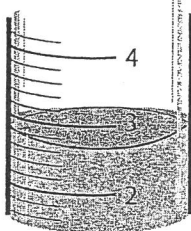
25. _____



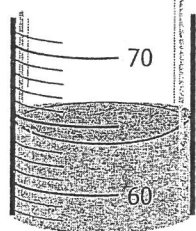
26. _____



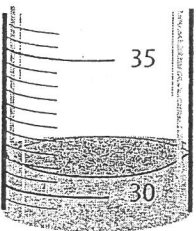
27. _____



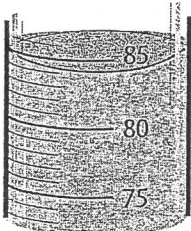
28. _____



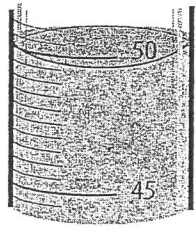
29. _____



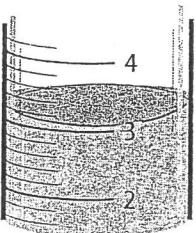
30. _____



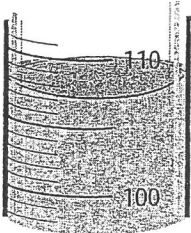
31. _____



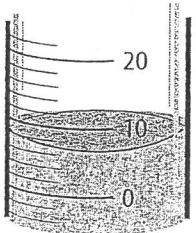
32. _____

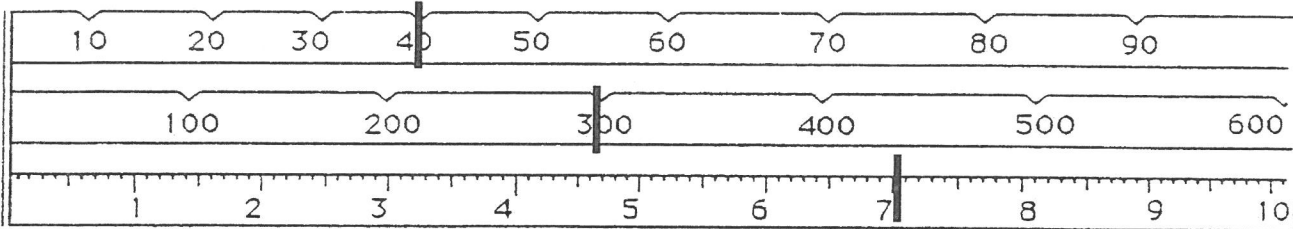


33. _____

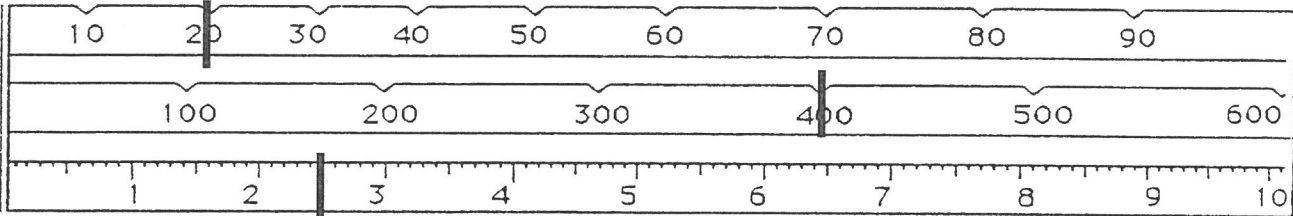


34. _____

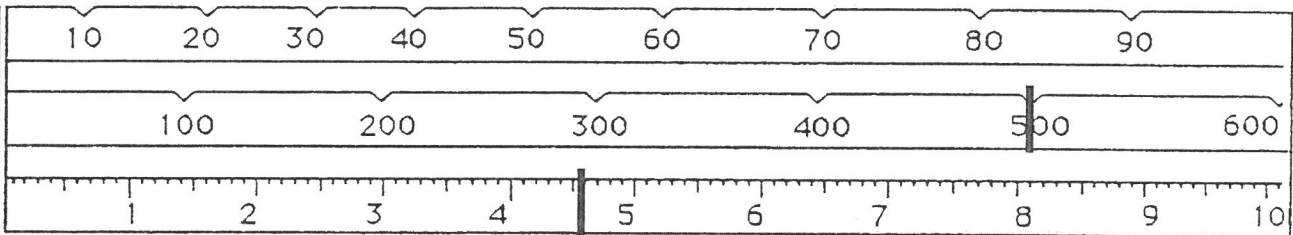




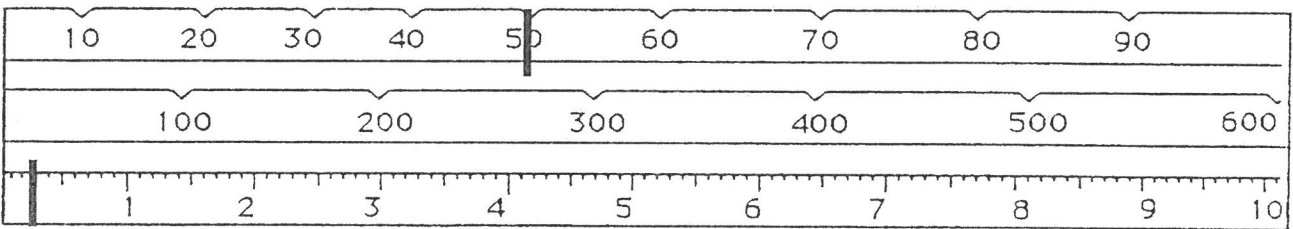
35) _____ grams



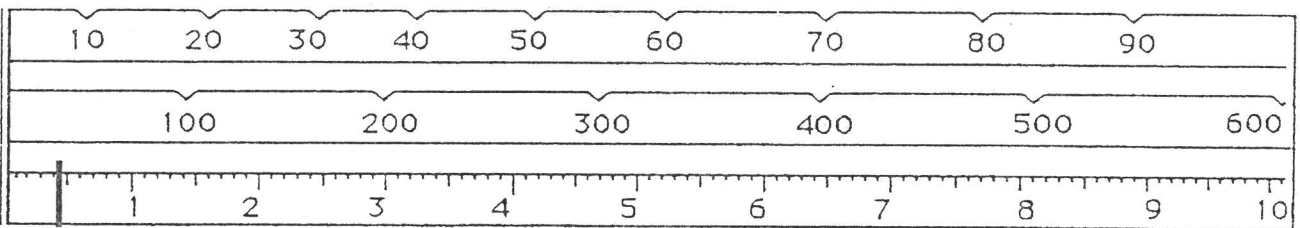
36) _____ grams



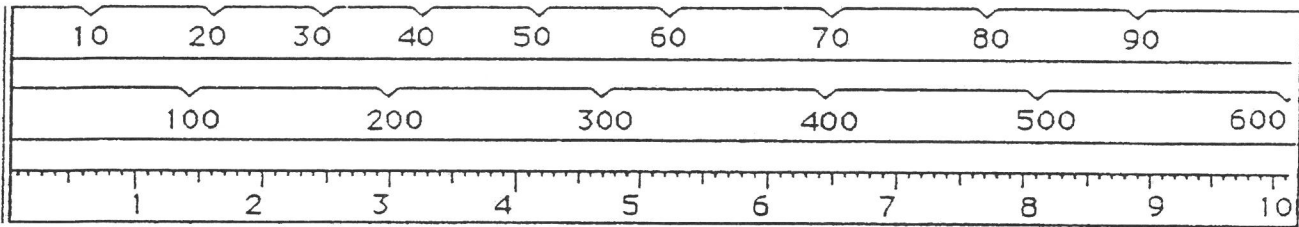
37) _____ grams



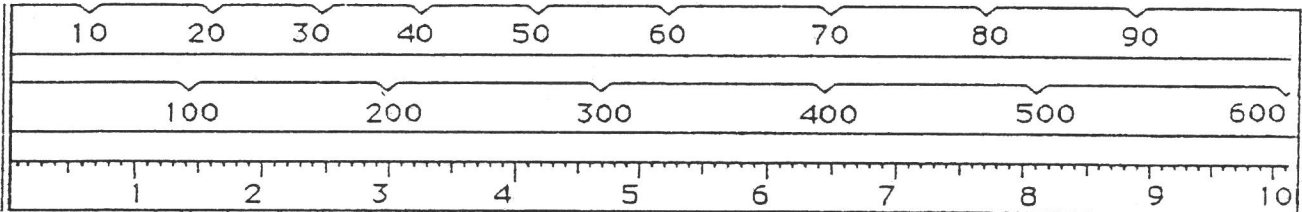
38) _____ grams



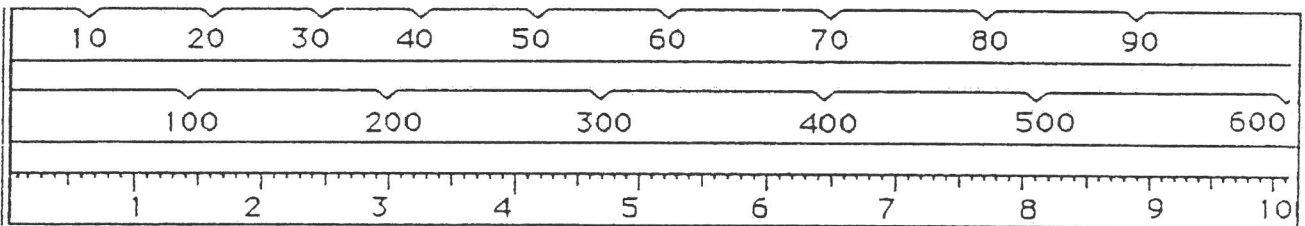
39) _____ grams



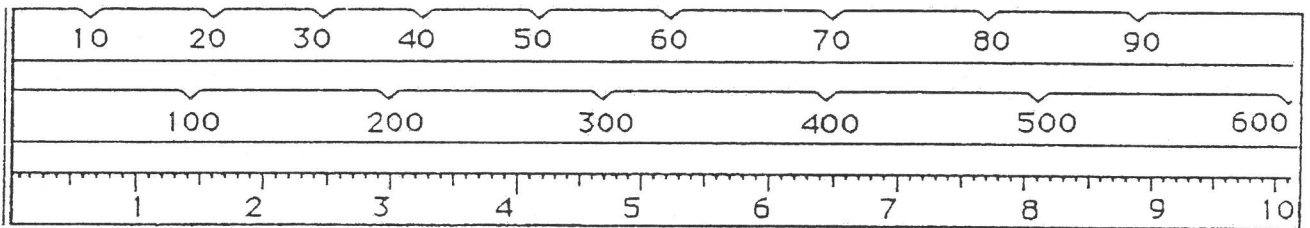
40) 222.5 grams



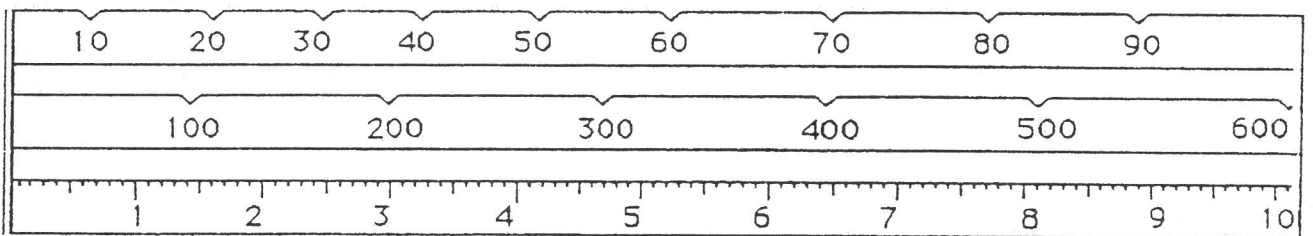
41) 354.3 grams



42) 75.9 grams



43) 0.25 grams

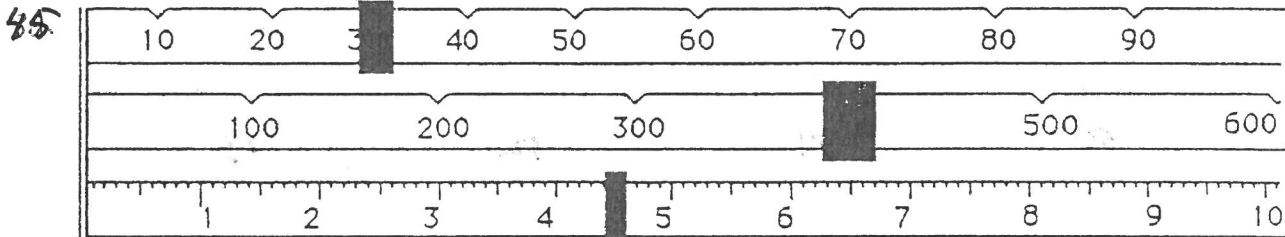


44) 6 grams

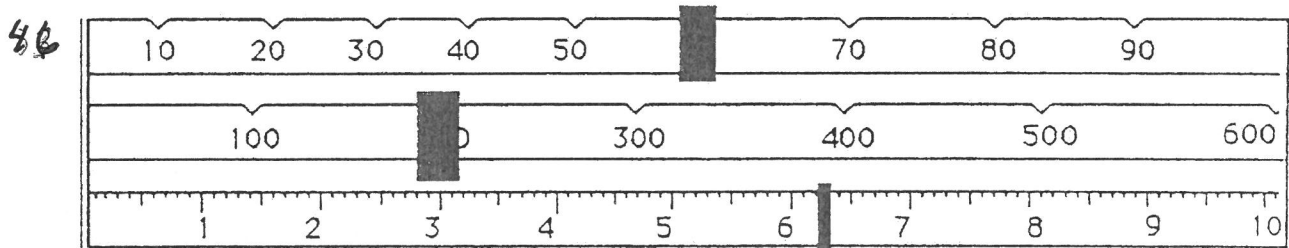
Name _____

SCIENTIFIC MEASUREMENT Using The Triple Beam Balance

Read the triple beam balances and record the mass in grams.

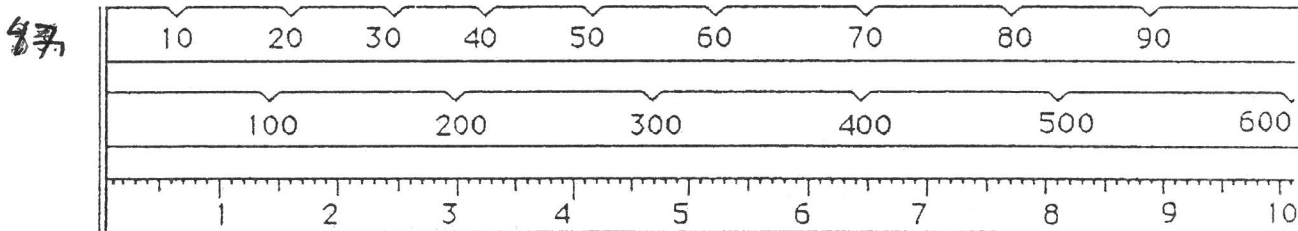


45) _____ grams

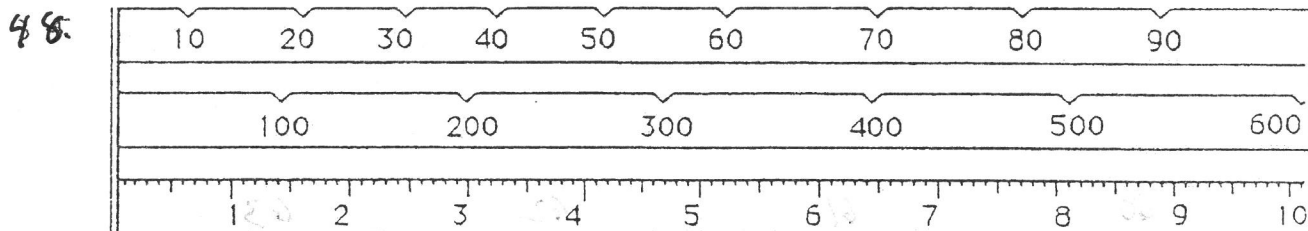


46) _____ grams

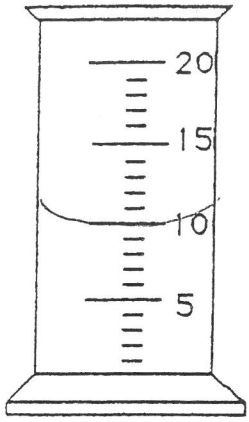
Make marks on the following triple beam balances to show the grams indicated.



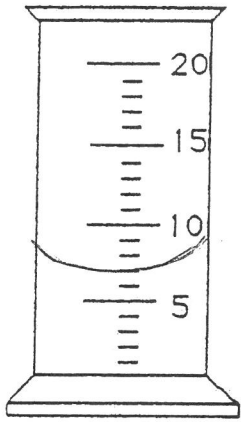
47) 451.7 grams



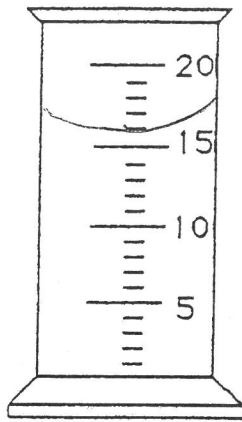
48) 589.3 grams



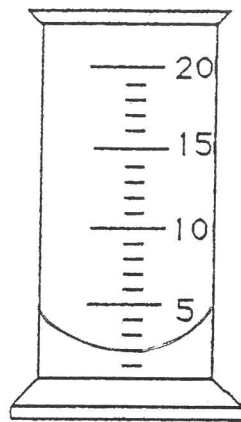
49) __ mL



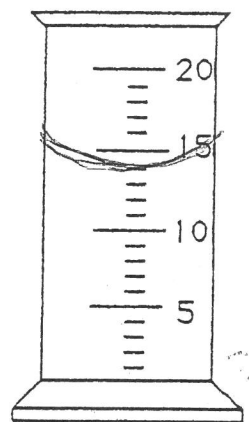
50) __ mL



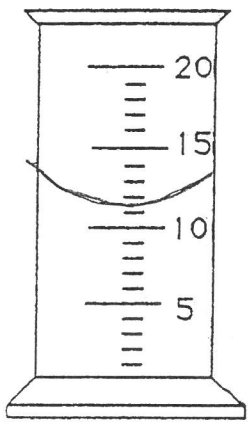
51) __ mL



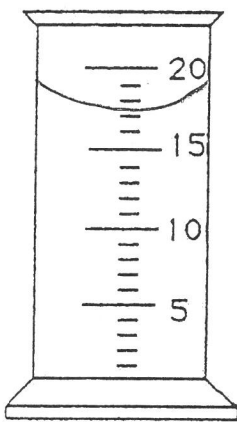
52) __ mL



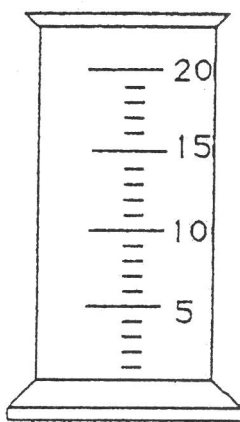
53) __ mL



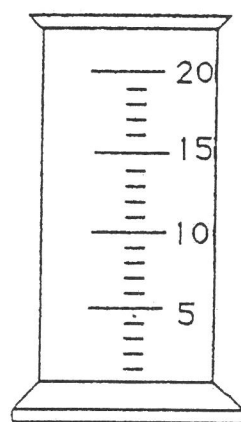
54) __ mL



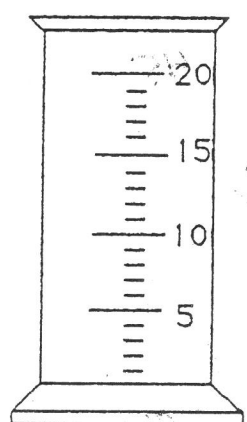
55) __ mL



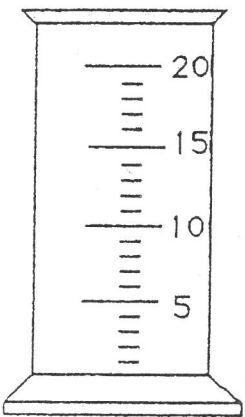
56) 5 mL



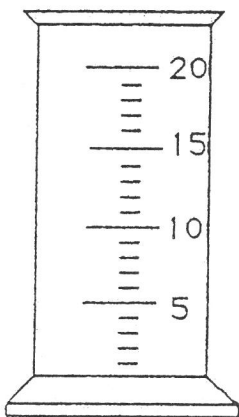
57) 20 mL



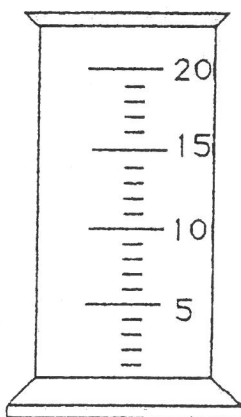
58) 15 mL



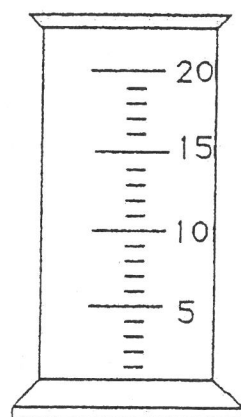
59) 8 mL



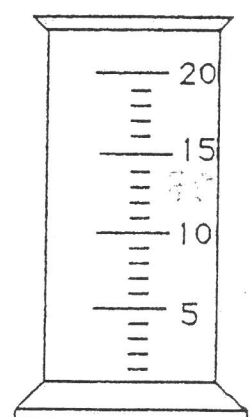
60) 18 mL



61) 12.5 mL



62) 3 mL



63) 15.5 mL