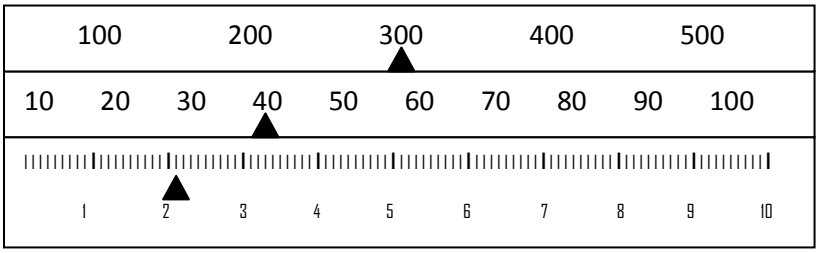
NAME:_____ HR:_____

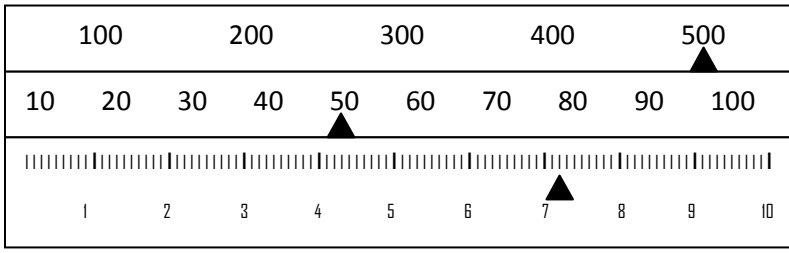
Measuring Mass Practice

Read the following triple beam scales and determine the masses. Triple Beam Balances measure in grams.

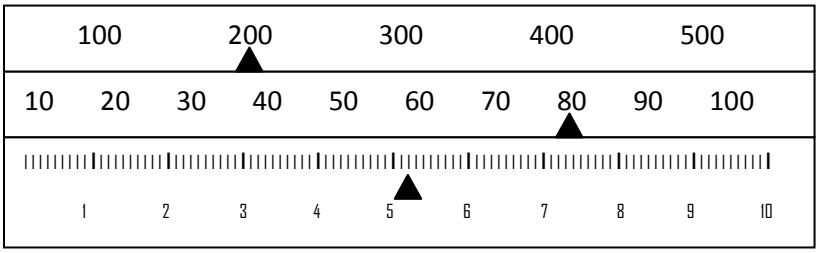
1. _____g



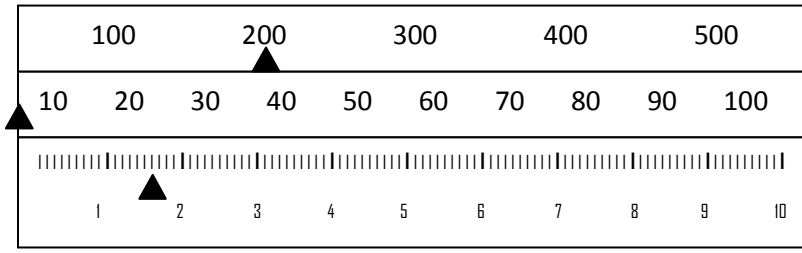
2. _____g



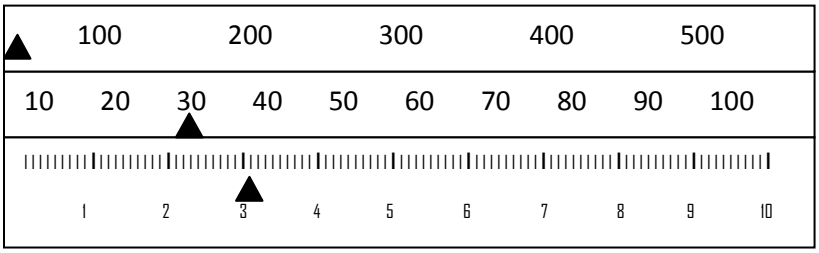
3. _____g



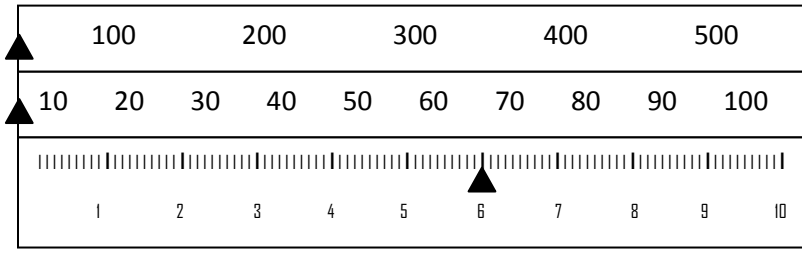
4. _____g



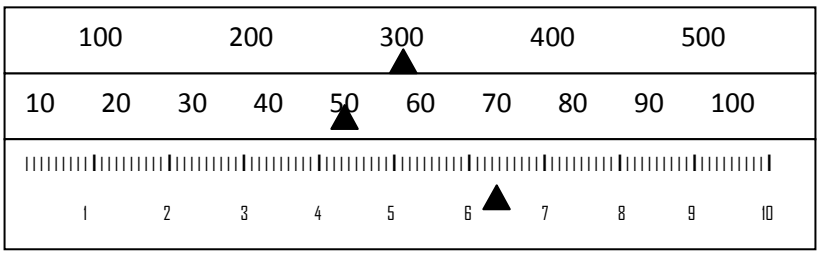
5. _____g



6. _____g



7. Read the triple beam balance below . What is the mass in grams? _____g
8. Read the triple beam balance below. What is the mass in mg? (THINK: how many mg in 1g?) _____mg



NAME:_____ HR:_____

9. Looking at the triple beam balance:
    a. What is the largest mass that can be weighed on the balance? _____g
    b. What is the smallest mass that can be weighed on the balance? _____g
10. If you had to explain the procedure on how to use a triple beam balance to a new student, what would the steps be? (start with calibrating and explain step by step. You may bullet or number the procedure).

11. Which is larger?
    a. 178 g or 1kg
    b. 300g or 3000kg
    c. 1200mg or 1 kg
    d. 70 mg or 7 g
    e. 34 g or 3.4kg
    f. 12 g or 1.2mg

Now you really have to take your time and be a thinker! Do not let all the words intimidate you. You have all the knowledge you need to answer these questions. Use you notes, worksheets and mostly your NOODLE!

Show your work!

12. There was a 1m stick that has a mass of 5 grams. What would 2m of the same stick's mass be? _____g

13. My shoe has a mass of 1,200 grams. How many grams would 2 of my shoes be? _____g
    a. How many mg would both shoes be? _____mg

14. My calculator has a mass of 200 grams. How many caculators would it take to make a mass of 1kg? _____ calculators

15. How much would I weigh in kg? 2.2lb = 1kg

    my estimated weight _____lbs my calculated weight _____kg

16. Once you finished the worksheet show your teacher and you can weigh yourself on the scale to check your answers! Write down your answers from the scale. My measured weight was _____kg.