

Questions for Measurement handout - Please use complete sentences and answer on a separate piece of paper!

1. What's the point of measuring in science?
2. Give three reasons why measurements can be very precise, but not absolutely accurate.
3. If you were to use a metric ruler that measures in cm, and is further broken down into tenths (which is the mm), to what place value could you measure precisely?
4. What are units, and why is it necessary to use them?
5. What does a standard mean?
6. What was the first standard of measurement that was known around the world?
7. How was the meter originally calculated?
8. What system(s) of measurement is used in the U.S.?
9. What system of measurement is **always** used in science?
10. What is the standard that is used in measuring the volume of liquids?
11. What SI unit would be used in measuring your height? Your weight?
12. Following the rules regarding the SI system, correct the following:
 - a.) It's a **10 KM** race.
 - b.) Place **4 g's** of NaOH into the beaker
 - c.) The block is **10 cm.** long
 - d.) The paper weighed **.2 g**
13. Why would it be easier to use the metric system instead of the English system?
14. How many mm are in a cm? How many cm are in a meter? (To answer this question, use a ruler or meter stick in the class if you need to!)