

NAME _____

PER. _____

Chapter 1 Section 1 Guided Reading

- 1) A measurement is a determination of the amount of something. A measurement has two parts: a _____ and a _____.
- 2) If you were given a number, say the number "22", how would you know what it meant? You would have to give it a _____, or people might think you were talking about bowling balls or flowers!
- 3) Two common systems of measurements are the _____ system and the _____ system.
- 4) The width of your pinky is about the length of a
 - a) meter
 - b) centimeter
 - c) millimeter
 - d) kilometer
- 5) What is the mass of a large paper clip?
- 6) What is a nanometer?
- 7) How much larger than a meter is a terameter?
- 8) Accuracy is
 - a) how close together repeated measurement are
 - b) how close a measurement is to an accepted or true value
 - c) the smallest interval can be measured
- 9) Is it possible to be precise but not accurate? Explain.
- 10) Give an example of resolution.