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.