**Unit 2 Vocabulary Quiz Review**

**Directions: Choose the term from the word bank that best completes each definition. Each term will be used only once.**

**Kilogram Liter Kelvin**

**Meter Percent error Density**

**Accuracy Second Graph**

**Scientific notation Derived unit Conversion factor**

**Precision Base unit Dimensional analysis**

1. A visual display of data is a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ refers to how close a measured value is to an accepted value.

3. A unit that is defined by a combination of base units is called a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. The SI base unit of temperature is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. The metric unit for volume equal to one cubic decimeter is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a ratio of equivalent values used to express the same quantity in different units.

7. The SI base unit for time is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the ratio that compares the mass of an object to its volume.

9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ expresses numbers as a multiple of two factors: a number between 1 and 10; and ten raised to a power.

10. The SI base unit for mass is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a method of problem-solving that focuses on the units used to describe matter.

12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ refers to how close a series of measurements are to each other.

13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a defined unit in a system of measurement that is based on an object or event in the physical world.

14 The SI base unit for length is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

15. The ratio of an error to an accepted value is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.