

Worksheet #2

Unit Conversions/Scientific Notation

Name: _____

Answer the following questions completely. Show all work, and ALWAYS INCLUDE UNITS!**Some Useful Conversion Factors:**

1 gallon = 3.785 Liters

16 ounces = 1 pound

1 mile = 1.6 km

1 inch = 2.54 cm

1 gallon = 4 quarts

2.2 pounds = 1 kg

- The distance from earth to the sun is about 94 million miles. How far is this in km? Write your answer in scientific notation.
- The average human lives 74 years. How many days is that? How many seconds? Write your answer in scientific notation.
- A hummingbird can beat its wings up to 90 times per second. How many times will it flap its wings in an hour?
- The average peanut weighs about 1g. How many peanuts will an elephant eat in a sack if it eats 1kg of peanuts a day?