

Name: \_\_\_\_\_ Period: \_\_\_\_\_

## Unit Conversion Lab

Use unit conversion calculation to answer each of the following questions. Show your work for each calculation.

### Station 1: Length of a pencil

Find the length of the pencil in miles. There are 1.6 kilometers in a mile.

### Station 2: Mass of a paper clip

Find the mass of the paper clip in tons. There are 2.2 pounds in a kilogram and 2000 pounds in a ton.

### Station 3: Volume of a very small beaker

Find the volume of the beaker in gallons. There are .26 gallons in a liter.

### Station 4: Temperature of your armpit

Find the temperature of your armpit in Kelvin. The temperature of a substance in Kelvin is equal to its temperature in Celsius plus 273.

### Station 5: Length of time you can hold your breath

Find the maximum length of time you can hold your breath, in years. There are 365.25 days in one year.

### Station 6: Area of a paper towel

Find the area of a paper towel in square meters.

7. Find the length of any object in kilometers.
8. Find the mass of any object in grams.
9. Find the volume of any object in Liters.