

NAME: _____
DATE: _____ PERIOD: _____

Unit Conversion Lab

Use unit conversion calculations 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 0.26 gallons in a liter.

Station 4: Temperature of your armpit.

Find the temperature of your armpit in Kelvins. The temperature of a substance in Kelvins 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 that you can hold your breath, in years. There are 365 days in one year.

Station 6: Area of a paper towel.

Find the area of the paper towel in square meters.

Materials -

Station 1: Unsharpened pencil and centimeter ruler.

Station 2: Electronic balance and paper clip.

Station 3: 10ml graduated cylinder, small beaker, and 1 liter of water.

Station 4: Celsius thermometer.

Station 5: Stopwatch.

Station 6: Paper towel and centimeter ruler.