

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 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 a paper towel in square meters.