***Unit Conversion Activity***

Use the 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. 10 cm = 1 m, 1000m = 1km, 1.6 km = 1 mile

**Station 2: Mass of a paper clip**

Find the mass of the paper clip in tons. 1000 g = 1 kg, 2.2 pounds = 1 kg, 2000 pounds = 1 ton

**Station 3: Volume of water in a very small beaker**

Find the volume of water in the beaker in gallons. 1000ml = 1 L, 1 L = 0.26 gallons

**Station 4: Length of time you can hold your breath**

Find the maximum length of time you can hold your breath, in years. 60 seconds = 1 minute, 60 minutes = 1 hour, 24 hours = 1 day, 365 days = 1 year