Dimensional Analysis Sage and Scribe

**Conversions:** (60 s = 1 min) (1 hr = 60 min) **(**1.6 km = 1 mile) (2.2 lbs= 1 kg) (2000 lbs = 1 ton) (1 in = 2.54 cm)

 (100 cm = 1 m) (1,000 m = 1 km) (0.26 gallons = 1 L) (365 days = 1 year) (24 hr = 1 day) (1 L = 1000 mL)

#  Partner one: Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Color:

# Partner two: Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Color:

## Partner 1 🡪 Sage Partner 2 🡪 Scribe

4. Jesse works on his homework for 2.5 hours. What is this length of time when expressed in years?

## Partner 1 🡪 Sage Partner 2 🡪 Scribe

3. The gas tank of Shana’s car can hold 11.3 gallons of gas. How many milliliters can it hold?

## Partner 2 🡪 Sage Partner 1 🡪 Scribe

2. A person’s weight is measured and found to be 65.0 kg. How many tons does this person weigh?

## Partner 1 🡪 Sage Partner 2 🡪 Scribe

1. The distance from Anderson HS to the nearest Subway is about 1,448 meters. What is this distance in inches? (Show all work and include units and correct sig figs on all answers)