**Directions: Use dimensional analysis to convert the following. Name:\_\_\_\_\_\_\_\_\_\_\_\_\_**

Conversion Factors:

1 inch = 2.54 centimeters

1 meter = 3.3 feet

1 lbs = 0.45 kg

1 mL = 0.33 oz

1. Sean measures his vertical in meters. He can jump 0.54m. What is this in inches?
2. Teresa needs 0.05 Liters of milk for a recipe she is baking. She needs to know how much this is in oz.
3. Suzette’s horse weighs 955 lbs. She is wondering how much is this in grams?
4. Anya is about 6 foot tall. How tall is this in kilometers?
5. Jill needs to order 15 Liters of liquid for an experiment, but she has to place her order in oz. How many oz of liquid should she order?