

NAME \_\_\_\_\_

Module 12    Attributes and Tools  
Lesson 1     Measurement Systems

# Challenge Problems

## 12.1

### Set 1

1

Arrange from greatest to least volume.

1 milliliter    1 pint    1 cup    1 liter

2

Arrange the measurements from least to greatest distance.

1 foot    1 centimeter    1 millimeter    1 mile    1 kilometer

3

If one kilometer is equal to 0.6 miles, then how many miles would you travel if you drove 520 kilometers?

4

If one pound is approximately 0.45 kilogram, then how many kilograms would five pounds of meat weigh?

## Possible Answers

### Set 1

1. 1 liter, 1 pint, 1 cup, 1 milliliter
2. 1 millimeter, 1 centimeter, 1 foot, 1 kilometer, 1 mile
3. Multiply 520 times 0.6. The answer is 312, so you drove 312 miles.
4. Multiply five pounds times 0.45. The five pound package of meat weighs 2.25 kilograms.