

**Converting Units of Weight and Mass**

Name: \_\_\_\_\_

**1** Order the measures of mass from least to greatest. Show your work.

18 grams    17 kilograms    160 grams    2 kilograms    2,100 grams    208 kilograms

<b>Metric Units of Mass</b>
1 kilogram = 1,000 grams

**2** Order the measures of weight from least to greatest. Show your work.

3 pounds    30 ounces    16 pounds    2 ounces    288 ounces    15 ounces

<b>Customary Units of Weight</b>
1 pound = 16 ounces

**3** What strategy did you use to compare the measurements?

**4** How is ordering measurements different from ordering a set of numbers?  
How is it the same?