MPS Learning Target: Measurement
- Identify and compare measurable attributes, estimate and measure, and make conversions (e.g., area, perimeter, temperature) in both customary and metric systems, and solve problems with elapsed time.

1.) Which of the following is usually measured in inches?

- The distance from Milwaukee to Chicago
- The length of a poster
- The length of the school day
- The height of a basketball hoop

2.) Which thermometer shows a typical summer temperature in Milwaukee?

A

B

C

Answer ________
3.) What is the length of the line between the rulers in inches? ______

What is the length of the line between the rulers in centimeters? ______

![Ruler Image]

4.) What time is shown on the clock? ___ : ___

What time will it be in 15 minutes? ____ : ___

![Clock Image]
5.) Saul went to the beach at 10:30 a.m. and came home at 2:00 p.m. How long was he gone?

Show your thinking.

Answer__________

6.) Which would be the most appropriate unit to measure the capacity of a cereal bowl?

○ gallon
○ cup
○ quart
○ teaspoon

7.) Jamal’s baby sister weighs 10 pounds. How many ounces does she weigh?

Show how you solved this.

Answer____________
8.) What temperature is shown on the thermometer?

\[ \underline{_______} \, ^\circ \text{F} \quad \underline{_______} \, ^\circ \text{C} \]

![Thermometer Image](image)

9.) Vee has a length of string the same length as his desktop. He has been asked to cut his string into four equal pieces without using a standard measuring instrument.

9a.) Write directions to tell Vee how to do this.

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

10.) Circle the better estimate for weight or capacity.

<table>
<thead>
<tr>
<th>A potato</th>
<th>A dog</th>
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<tbody>
<tr>
<td>8 grams  or 8 oz.</td>
<td>31 lb. or 16 Tbs.</td>
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<table>
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<tr>
<th>A bucket of water</th>
<th>A can of soda pop</th>
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<tbody>
<tr>
<td>5 gal. or 5 kg.</td>
<td>12 oz. or 12 cups</td>
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11.) Jalisia wants to build a flower bed in her backyard. She is trying to decide between two shapes for the flower bed. She wants to build the flower bed that takes up less space and uses less fencing.

![Diagram of two flower bed shapes]

a.) perimeter: _______________  b.) perimeter: _______________

area: _______________  area: _______________

11c.) Which shape should she choose? Explain why. ________________________  
____________________________________________________________  
____________________________________________________________

11d.) At the hardware store the fencing is only sold by the yard. If Jalisia wants to buy fencing for the garden she chose, how many yards of fencing will she need?

Show your work:

Answer: _______________