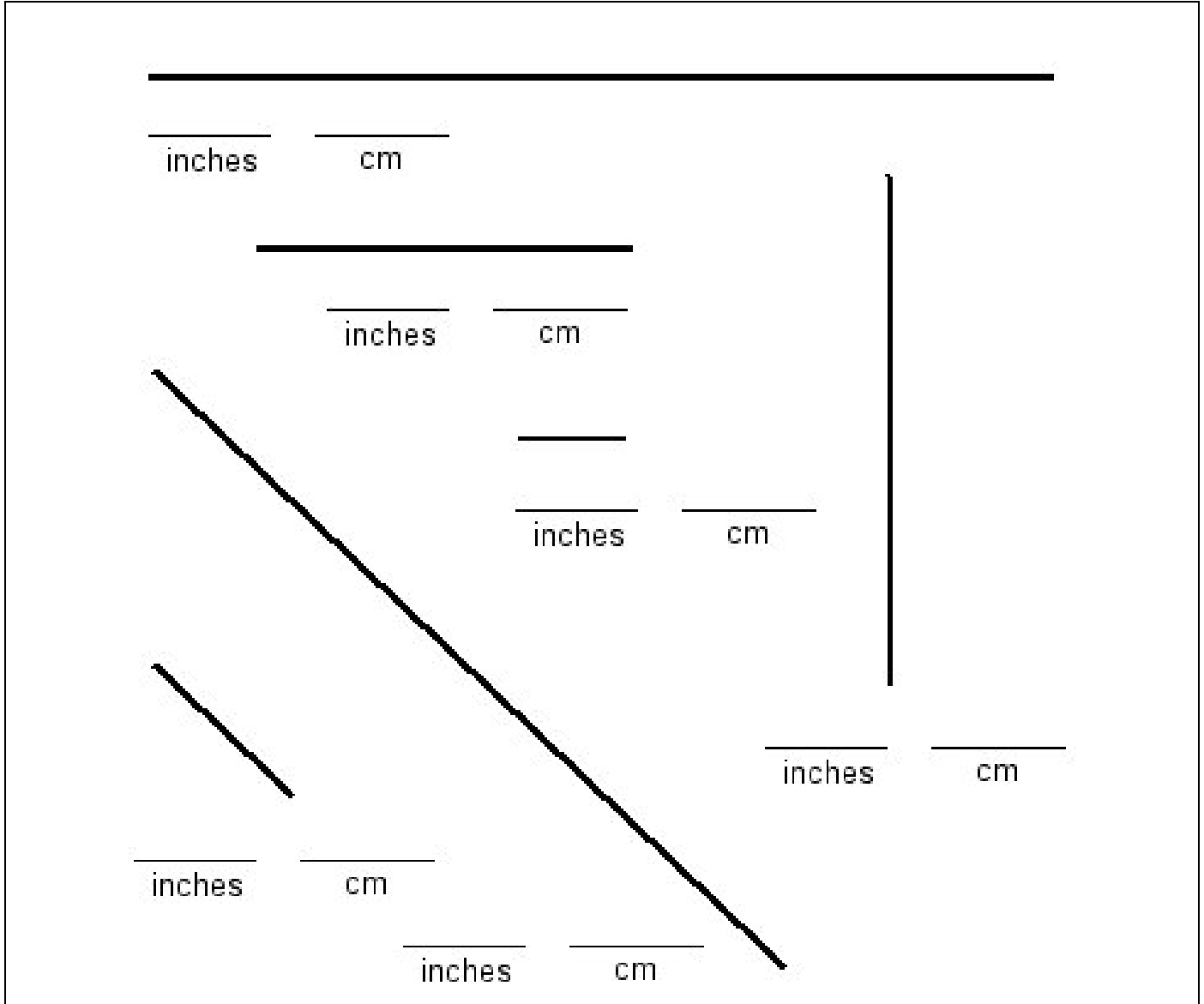


Basic College Math Measuring Exercise

Name: _____ Date: _____

1. Measure the lines in inches. Measure the same lines again centimeters. Using the Unit Factor method, compute the measurement in centimeters using 2.54 cm equals 1 inch. When you compute the length in centimeters, does the distance end to end agree with the calculation?



2. What are the standard measuring spoons and cups in countries using the Metric system?

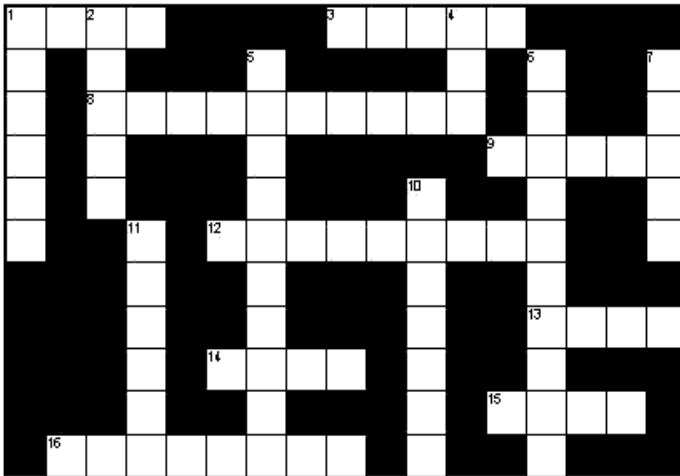
Metric Measuring Spoons come in what values? Metric Measuring Cups come in what values?

Check it out on the web

<http://ts.nist.gov/WeightsAndMeasures/Metric/lc1136k.cfm>

Basic College Math Measuring Exercise

3. Answer the questions in the crossword puzzle.



ACROSS

- 1) 5,280 feet
- 3) Prefix for 100th
- 8) 3 teaspoons
- 9) 32 ounces
- 12) 1000 meters
- 13) 12 inches
- 14) Tiny particle of matter
- 15) 60 minutes
- 16) 1000 grams

DOWN

- 1) 60 seconds
- 2) 2.1 pints
- 4) 2240 pounds
- 5) 10 millimeters
- 6) 144 square inches
- 7) 3.3 feet
- 10) A way to measure temperature
- 11) 4 pecks

Check it out on the web

http://www.nist.gov/public_affairs/kids/crossword_answ.htm

4. Find the weight of the following. Do the conversion using the unit factor method to the right to compute the Metric measurement.

a. What does $\frac{1}{2}$ cup of flour weigh?		
_____ oz	_____ grams	
b. What does 1 cup of water weigh?		
_____ oz	_____ grams	
c. What does 1 tbsp of salt weigh?		
_____ oz	_____ grams	
d. What does $\frac{1}{2}$ cup of rice weigh?		
_____ oz	_____ grams	

5. Fill 16 tablespoons of water in a cup? Is the water below, at or above the 1 cup mark? _____

6. Fill 3 tsp of water in a tablespoon? Was the water below, at the correct level or overflowing the spoon? _____