

Name: _____

Unit 1 Concept Checks

The Different Systems of Measurement

- a) Convert 4kg in to mg

- b) Convert 1300 ounces into gallons. 1 gallon = 8 pints, and 1 pint = 16 ounces

- c) Convert 16 km in to mm

Converting Between Systems

- a) Convert 140 liters into gallons. 1 gallon is about 3.8 liters

- b) Convert 30 kg into ounces. 1 kg is about 2.2 pounds

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Situational Problems

- a) You have 3 strips of paper measuring $5\frac{1}{8}$ inches, $2\frac{7}{8}$ inches, and $7\frac{5}{8}$ inches. You want the paper to cover the perimeter of a box, which is 16 inches. Do you have enough paper?
- b) A circular grain bin has a diameter of 18.3 meters. The center has a spout for the grain to be poured out. How far is the spout from the outer walls?

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Research Project

Chosen topic:

Three (or more) sources:

How will you present your topic:

What materials do you need: