

Section 1.3 Extra Practice

1. Convert each of the following.
 - a) 25 °C to Fahrenheit
 - b) -15 °C to Fahrenheit
 - c) 85 °F to Celsius
 - d) 13 °F to Celsius
 - e) 81 lb to kilograms
 - f) 235.2 lb to kilograms
 - g) 2 kg to pounds
 - h) 124.6 kg to pounds
 - i) 15 oz to grams
 - j) 0.6 oz to grams
 - k) 35 g to ounces
 - l) 274.6 g to ounces
 - m) 24 litres to gallons
 - n) 117.6 litres to gallons
 - o) 63.9 gallons to litres
 - p) 0.5 gallons to litres
 - q) 125 millilitres to fluid ounces
 - r) 751.8 millilitres to fluid ounces
 - s) 28 ounces to millilitres
 - t) 0.07 ounces to millilitres
2. Which temperature is colder?
Show your work.
 - a) -12 °C, 2 °F
 - b) 56 °F, 15 °C
3. Amanda lives in Labrador City. She is planning a trip to Chicago, Illinois, in January.
 - a) She finds out that the average high temperature in January in Chicago is 30 °F. What is the equivalent in Celsius?
 - b) Amanda knows that the approximate average temperature in July in Labrador City is 18 °C. She wonders what that is in Fahrenheit. What is it?
4. Mark is in a wrestling competition for men weighing up to 62 kg. What is Mark's maximum possible weight, in pounds?
5. Glenn is using a recipe that calls for 2 pounds of ground turkey. At the grocery store, meats are sold in grams. How many grams of ground turkey should he purchase?
6. After returning from a trip to Florida, Helen checked her gas purchase receipts. On her trip, she purchased the following amounts of gas: 16.2 gal, 21.6 gal, 18.7 gal, 25.4 gal, and 22.8 gal. What was the total amount purchased in litres?



Name: _____

Date: _____

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(continued)

- 7.** Convert the following recipe for pancakes to the SI system.

1 teaspoon (tsp) = 5 mL

1 tablespoon (tbsp) = 15 mL

1 cup (c) = 250 mL

Ingredient	Imperial Measurement	SI Measurement
flour	$1\frac{1}{4}$ c	
milk	1 c	
baking powder	3 tsp	
oil	2 tbsp	
egg	1	

- 8.** Alan works as a chef at a long-term care facility. He plans to make applesauce muffins. The recipe includes $7\frac{1}{2}$ cups vegetable

oil and $8\frac{3}{4}$ cups applesauce. He

ordered two 32-fl oz bottles of vegetable oil and three 24-fl oz jars of applesauce from the food supplier. Will he have enough of each ingredient to make the recipe? Explain.

