Chapter 6 Practice Test

1. Measure each line to the nearest fraction of an inch.

   a) _____

   b) _____

   c) _____

   d) _____

   e) __

Length in Inches

2. Convert the length of each line in #1 to centimetres. Do not use a ruler.

a)	b)	c)	d)	e)

3. Remeasure each line in #1. Show each length to the nearest 0.1 cm.

a)	b)	c)	d)	e)

4. Use the symbols >, <, or = to make the following statements true.

   > means "greater than"
   < means "less than"

   a) 1 gal _____ 1 qt

   b) 1 qt _____ 1 L

   c) 15 mL _____ 1 fl oz

   d) 500 mL _____ 1 qt

5. Fill in the blanks.

   a) 2 litres = _____ millilitres   b) 1 pt = _____ oz

   c) 1 qt = _____ pt   d) 1 gallon = _____ quarts

6. a) Estimate the number of tiles in this shower stall.
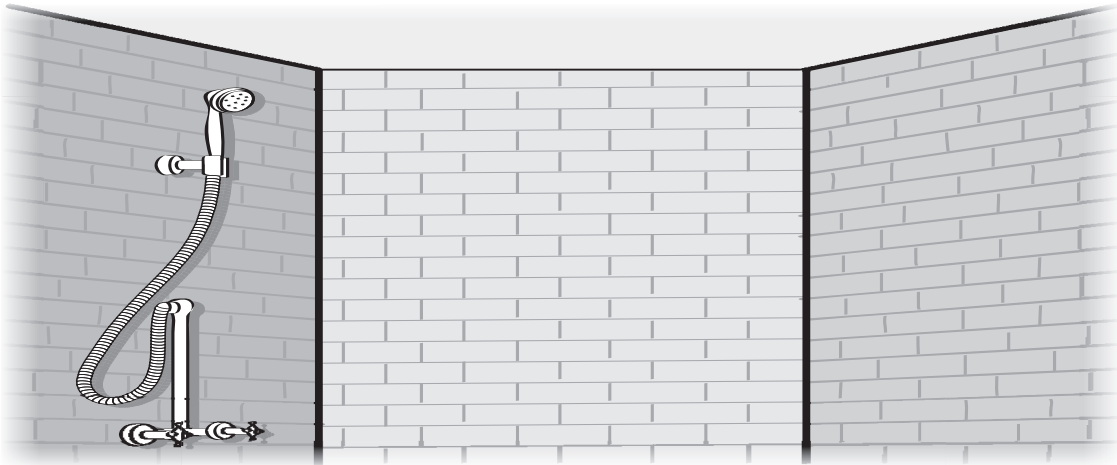
b) Explain how you made your estimate.

_____

_____

_____

7. Fill in each blank with a number that gives an approximation for the unit conversion.

a) One yard is approximately _____ metre(s).

b) One gallon is approximately _____ litre(s).

c) One foot is approximately _____ centimetre(s).

d) One metre is approximately _____ feet.

e) One litre is approximately _____ quart(s).

8. a) A motorcycle has a 20-L gas tank. How many gallons is this?

b) A gas station in Port Huron, Michigan, sells gas for $2.94 per gallon. Calculate the cost to fill the motorcycle's gas tank in US dollars.

c) Use the exchange rate you researched on page 221. What is the cost of filling the tank, in Canadian dollars?

d) A gas station in Sarnia, Ontario, sells gas for 96¢/L. Which city has lower priced gasoline?

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