

Chapter 6 Test

1. Measure each line. Write the length in centimetres and millimetres.

- a) _____
 b) _____
 c) _____
 d) _____

Length (cm)	Length (mm)

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

a)	b)	c)	d)

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

- a) 2 gal _____ 1 qt b) 6 qt _____ 2 L
 c) 25 mL _____ 1 fl oz d) 500 mL _____ 1 qt

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

4. Fill in the blanks.

- a) 16 oz = _____ c b) 4 qt = _____ gal
 c) 500 mL = _____ L d) 1 c = _____ fl oz

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

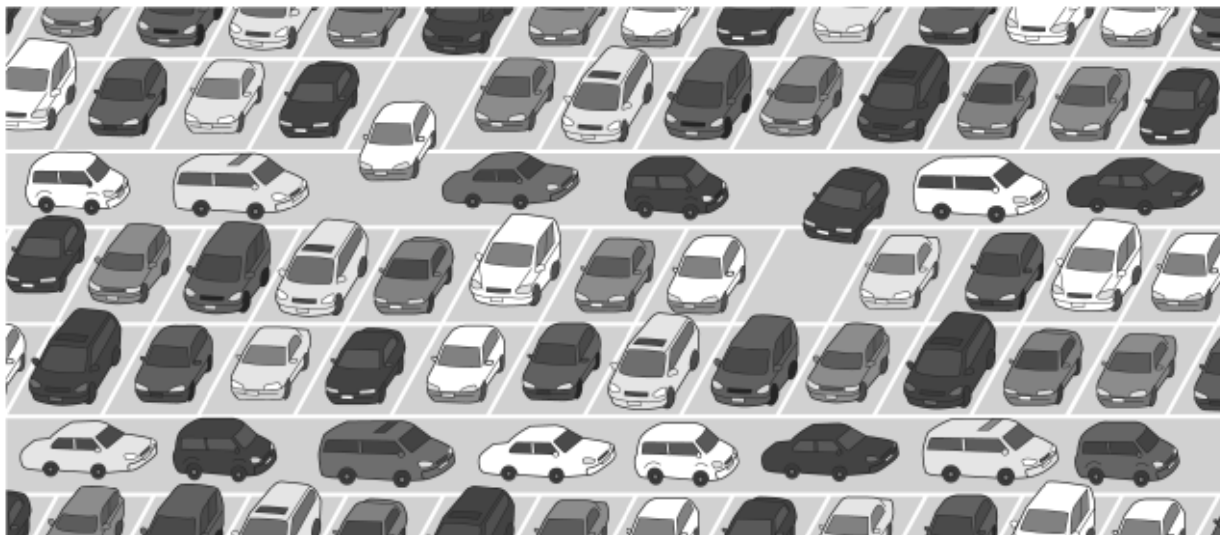
- a) 3 ft is approximately _____ m.
 b) 4 L is approximately _____ gal.
 c) 7.5 cm is approximately _____ in.
 d) 60 cm is approximately _____ ft.
 e) 4 cups is approximately _____ L.



6. A large car has a 60-litre gas tank.

- a)** What is the capacity of the gas tank, in gallons?
- b)** A gas station in Port Huron, Michigan, sells gas for \$3.10 per gallon. Calculate the cost to fill the car's gas tank in US dollars.
- c)** The exchange rate is \$1 CDN = \$0.94 US. What is the cost of filling the tank, in Canadian dollars?
- d)** A gas station in Sarnia, Ontario, sells gas for \$1.01/L. Which city has lower priced gasoline?

7. a) Estimate the number of cars in this parking lot. _____



b) Explain how you determined your estimate.

