

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 1.2.1**

## Practice: Conversions Between Metric and Imperial Systems

- Estimate each measure in the indicated units.
  - 60 mL                      tablespoons
  - 5 gal                        litres
  - 8 L                          pints
  - 5 tbsp                      millilitres
  - 12 L                        gallons
  - 480 pt                      litres
- Estimate each distance in the indicated units.
  - 20 mi                      kilometres
  - 8 m                         yards
  - 36 ft                        metres
  - 48 km                      miles
  - 9 yd                         metres
  - 13 m                        feet
- A size-8 shoe is 25 cm long. How long is the shoe in inches?
- Jennifer is 14 in. taller than her sister, Jan. If Jennifer is 110 cm tall, approximately how tall is Jan in centimetres?
- Habib wants to visit his grandfather who lives 400 mi away. Approximately, how many kilometres does Habib have to travel to see his grandfather?
- Anne is vacationing with her family in Hawaii, where the temperature is  $90^{\circ}\text{F}$ . Meanwhile, at home in Toronto, the temperature is  $10^{\circ}\text{C}$ .
  - What is the temperature in Hawaii in degrees Celsius?
  - About how many degrees Celsius is it warmer in Hawaii?
- Sam's convenience store charges \$3 for 0.5 gal of orange juice. What is the cost of orange juice per litre?
- The gas station on Maine Street charges \$24 for 32 L of gas, while the gas station on Kane Street charges \$25 for 10 gal of gas. Which store gives the most amount of gas for each dollar spent?
- The Sun Supermarket charges \$3.25 for 2 lb of strawberries, while the Golden Supermarket charges \$1.80 for 450 g of strawberries. Which store gives the better value for strawberries?