

Name: _____

Date: _____

BLM 1.2.1

Practice: Conversions Between Metric and Imperial Systems

1. Estimate each measure in the indicated units.
 - a) 60 mL tablespoons
 - b) 5 gal litres
 - c) 8 L pints
 - d) 5 tbsp millilitres
 - e) 12 L gallons
 - f) 480 pt litres
2. Estimate each distance in the indicated units.
 - a) 20 mi kilometres
 - b) 8 m yards
 - c) 36 ft metres
 - d) 48 km miles
 - e) 9 yd metres
 - f) 13 m feet
3. A size-8 shoe is 25 cm long. How long is the shoe in inches?
4. Jennifer is 14 in. taller than her sister, Jan. If Jennifer is 110 cm tall, approximately how tall is Jan in centimetres?
5. Habib wants to visit his grandfather who lives 400 mi away. Approximately, how many kilometres does Habib have to travel to see his grandfather?
6. Anne is vacationing with her family in Hawaii, where the temperature is 90°F. Meanwhile, at home in Toronto, the temperature is 10°C.
 - a) What is the temperature in Hawaii in degrees Celsius?
 - b) About how many degrees Celsius is it warmer in Hawaii?
7. Sam's convenience store charges \$3 for 0.5 gal of orange juice. What is the cost of orange juice per litre?
8. 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?
9. 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?