

1. Complete each statement with the abbreviation of one appropriate English unit and one appropriate metric unit:
  - (a) The diameter of a pencil is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (b) The length of a pencil is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (c) The weight of a pencil is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (d) The weight of your backpack is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (e) The volume of your bathtub is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (f) The volume of my coffee cup is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (g) The height of our classroom is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (h) The distance to VSH is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (i) The distance to Pittsburgh is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
  - (j) The height of our building is best measured using \_\_\_\_\_s or \_\_\_\_\_s.
2. Circle the larger measurement:
  - (a) 75 yards or half a mile
  - (b) 5 feet or 1 yard
  - (c) 6 gallons or 12 quarts
  - (d) 500 pounds or half a ton
  - (e) 500 pounds or 500 kilograms
  - (f) 75 yards or 75 meters
  - (g) 75 feet or 75 meters
  - (h) 6 inches or 6 centimeters
  - (i) 6 liters or 6 quarts
  - (j) 4 liters or 1 gallon
  - (k) 50 grams or 1 pound
  - (l) 50 degrees Fahrenheit or 50 degrees Celsius
3. Place a decimal point in the number to make the measurement reasonable:
  - (a) A stack of ten dimes is 1000 mm high.
  - (b) The desk is 770 m high.
  - (c) The distance from one side of Main Street to the other is 100 m.
  - (d) The distance from one end of Main Street to the other is 300 km.
  - (e) A dollar bill is 155 cm long.
  - (f) A basketball player is 1950 cm tall.
  - (g) A new piece of chalk is about 8100 cm long.
  - (h) The speed limit in town is 400 km/hr.
  - (i) My cat weighs 325 kg.
  - (j) My truck weighs 30000 pounds.
  - (k) The temperature in a cave is 1010 degrees Celsius year-round.
  - (l) The temperature in my kitchen oven is 1919 degrees Celsius.
  - (m) The temperature in the sauna is 4545 degrees Celsius.

1.
  - (a) inches or cm
  - (b) inches or cm
  - (c) ounces or grams
  - (d) pounds or kg
  - (e) gallons or liters
  - (f) ounces or  $ml$
  - (g) feet or meters
  - (h) feet (or yards) or meters
  - (i) miles or km
  - (j) feet (or yards) or meters
2.
  - (a) half a mile
  - (b) 5 feet
  - (c) 6 gallons
  - (d) half a ton
  - (e) 500 kilograms
  - (f) 75 meters
  - (g) 75 meters
  - (h) 6 inches
  - (i) 6 liters
  - (j) 4 liters
  - (k) 1 pound
  - (l) 50 degrees Celsius
3.
  - (a) 10.00 mm
  - (b) .770 m
  - (c) 10.0 m
  - (d) 3.00 km
  - (e) 15.5 cm
  - (f) 195.0 cm
  - (g) 8.100 cm
  - (h) 40.0 km/hr
  - (i) 3.25 kg
  - (j) 3000.0 pounds
  - (k) 10.10 degrees Celsius
  - (l) 191.1 degrees Celsius
  - (m) 45.45 degrees Celsius