

16. Draw line segments that are the following lengths from the starting line:

- a. 14 cm
- b. 70 mm
- c. 1.5 cm
- d. 10.5 cm
- e. 140 mm
- f. 4 cm

Which two lines are the same length? \_\_\_\_\_  
Why? \_\_\_\_\_

17. Write the appropriate metric abbreviations for each of the following:

- |                      |                     |                      |
|----------------------|---------------------|----------------------|
| a. centimeter: _____ | d. kilometer: _____ | g. millimeter: _____ |
| b. liter: _____      | e. kilogram: _____  | h. milliliter: _____ |
| c. gram: _____       | f. meter: _____     | i. Celsius: _____    |

18. Choose the metric unit below that would best replace each of the following:

g      cm      L      kg      mL      m      km

- a. Instead of pounds, you would weigh an object in \_\_\_\_\_
- b. Instead of inches, you would measure in \_\_\_\_\_
- c. Instead of miles, you would use \_\_\_\_\_
- d. Instead of a quart, you would measure in \_\_\_\_\_
- e. Instead of a liquid ounce, you would use \_\_\_\_\_
- f. Instead of a mass ("weight") ounce, you would weigh an object in \_\_\_\_\_
- g. Instead of yards, you would measure a length in \_\_\_\_\_

19. What would be the best metric unit to use to measure each of the following? Choose from this list: g      m      mm      mL      kg      °C      cm

- a. length of a football field \_\_\_\_\_
- b. length of a dog's tail \_\_\_\_\_
- c. mass of a car \_\_\_\_\_
- d. mass of a paperclip \_\_\_\_\_
- e. body temperature \_\_\_\_\_
- f. the amount of juice in a glass \_\_\_\_\_
- g. the thickness of a key \_\_\_\_\_