

1. What does each unit represent?

2. mm = \_\_\_\_\_

3. cm = \_\_\_\_\_

4. dm = \_\_\_\_\_

5. m = \_\_\_\_\_

6. Dkm = \_\_\_\_\_

7. Hm = \_\_\_\_\_

8. Km = \_\_\_\_\_

How much does each one equal?

(9.) 1 m = \_\_\_\_\_ cm

(10.) 1 cm = \_\_\_\_\_ mm

(11.) 1 km = \_\_\_\_\_ m

Which measurement is the largest? Circle your answer for each pair.

(12) 14 mm or 1 cm

(15) 145 m or 145 km

(13) 334 m or 1 km

(16) 3.4 cm or 30 mm

(14) 1 m or 990 cm

(17) 10 km or 1000 cm

Use a metric ruler

(18) Length of the line in millimeters \_\_\_\_\_

(19) Length of the line in centimeters \_\_\_\_\_

(20) Length of the line in meters \_\_\_\_\_



(21) Length of the rectangle in millimeters \_\_\_\_\_

(22) Length of the rectangle in centimeters \_\_\_\_\_

(23) Length of the rectangle in meters \_\_\_\_\_

(24) Width of the rectangle in millimeters \_\_\_\_\_

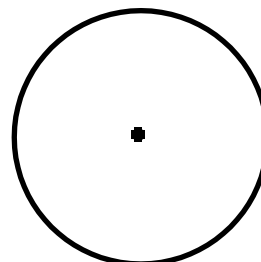
(25) Width of the rectangle in centimeters \_\_\_\_\_

(26) Width of the rectangle in meters \_\_\_\_\_

(27) Radius of the circle in millimeters \_\_\_\_\_

(28) Diameter of the circle in centimeters \_\_\_\_\_

(29) Diameter of the circle in meters \_\_\_\_\_



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30. Find the length of an unsharpened pencil (including eraser) in millimeters.
31. What is your height in centimeters? \_\_\_\_\_
32. What is your height in meters? \_\_\_\_\_
33. Find the distance between the two index cards (in the back of the room) in Dekameters.

Use your shoe and a metric ruler to complete this section. Keep your shoes on for this one!

- (34) What is the length of your shoe to the nearest centimeter?
- (35) How many shoes would it take (heel to toe) to make 1 meter?
- (36) How many shoes would it take to make 1 kilometer?

Use metal nuts and a metric ruler to complete this section.

- (37) How tall is a stack of 5 metal nuts in centimeters?
- (38) How tall would a stack of 100 nuts be in centimeters?
- (39) How tall would a stack of 1000 nuts be in centimeters?

Circle the BEST metric unit for each.

- (40) The length of an eyelash mm    cm    m    km
- (41) The height of a flagpole mm    cm    m    km
- (42) The length of a strand of spaghetti    mm    cm    m    km
- (43) The distance from Chicago, IL, to Peoria, IL.    mm    cm    m    km