



(h) Volume of the box in cubic centimeters

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

(Measure to the nearest centimeter before multiplying.)

5. Find the length of an unsharpened pencil (including eraser) in millimeters. \_\_\_\_\_
6. What is your height in centimeters? \_\_\_\_\_ What is your height in meters? \_\_\_\_\_
7. Find the distance between the two index cards in the hallway in meters. \_\_\_\_\_
8. Use your shoe and a metric ruler to complete this section. Keep your shoes on for this one!
  - (a) What is the length of your shoe to the nearest centimeter? \_\_\_\_\_
  - (b) How many shoes would it take (heel to toe) to make 1 meter? \_\_\_\_\_
  - (c) How many shoes would it take to make 1 kilometer? \_\_\_\_\_
9. Use ten pennies and a metric ruler to complete this section.
  - (a) How tall is a stack of ten pennies in centimeters? \_\_\_\_\_
  - (b) How tall would a stack of 100 pennies be in centimeters? \_\_\_\_\_
  - (c) How tall would a stack of 1000 pennies be in centimeters? \_\_\_\_\_
10. Circle the BEST metric unit for each.
  - (a) The length of an eyelash    mm    cm    m    km
  - (b) The height of a flagpole    mm    cm    m    km
  - (c) The length of a strand of spaghetti    mm    cm    m    km
  - (d) The distance from Chicago, IL, to Peoria, IL.    mm    cm    m    km