

Practice

DIRECTIONS: Circle the larger unit in the following pairs.

kilogram : gram milliliter : liter centimeter : meter liter : cubic centimeter

DIRECTIONS: Perform the following metric conversions.

45 km = 45000 cm 26.9 L = 26900 ^{mL}/_{cm³} 454 g = .454 kg
 160 mm = .16 m 4 cm = .04 m 5 L = 5000 mL

DIRECTIONS: Write the number of significant figures in each of the following.

5 6.0940 2 0.0080 5 1,203.0 4 2540. 5 24.130
5 250.00 2 5.0 3 .321 5 1.6040 5 0.000010100
5 14.809 3 3.50 6 107.334 3 0.0950 3 0.000489

DIRECTIONS: Determine the length and width of the bar below using the correct significant figures.

length 6.09 cm

width 2.11 cm



“There are two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle.” - Albert Einstein