

Conversions

Do the following conversions:

Convert 25.2 to cm

Convert 10.9 g to mg

Convert 0.644 mm to μm

Convert 6.2 cm to m

Convert 726 mL to L

Convert 325 s to min

A rectangular piece of gold leaf has a length of 8.65 cm, a width of 3.82 cm and a thickness of 0.14 cm. What is the volume in mL?

If the diameter of a red blood cell is 6.3×10^{-6} m, how many red blood cells are needed to make a line that is 2.5 inches long?

A piece of metal is 13.8 in long and 20.5 in wide. The thickness of the metal is 2.8 in. What is the volume in cm^3 ?

A cylindrical tube is 9.3 cm high and 0.75 cm in diameter. What is the volume in dm^3 ? (Circumference = $2\pi r$, and $V_{\text{cylinder}} = \pi r^2 h$)