Chapter 2 Foldable

SI	SI Unit	2.54 cm	30.48 cm	0.305 m	0.914 m	1.609 km		Imperial Unit	0.394 in.	1.094 yd	nsions of an area onvert the area to	nulas				+ 2wh	πrh		
Linear Conversions	Imperial Unit	1 in.	1 ft	1 ft	1 yd	1 mi		SI Unit I	1 cm	1 m	If I know the dimensions of an area in one unit, I can convert the area to another unit by	Suriace Area Formulas ^	$A = s^2$	A = lw	$A=\pi r^2$	$SA_{prism} = 2Iw + 2Ih + 2wh$	$SA_{cylinder} = 2\pi r^2 + 2\pi rh$	$SA_{cone} = \pi r^2 + \pi rs$	$s^2 = r^2 + h^2$
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Volume Formulas

V = Bh $V_{prism} = lwh$ $V_{cylinder} = \pi r^2 h$ $V_{cone} = \frac{1}{3}\pi r^2 h$ $V_{pyramid} = \frac{1}{3}lwh$

 $SA_{pyramid} = lw + ls + ws$

volume in one unit, I can convert the volume to another unit by

If I know the dimensions of a

Imperial Unit

SI Unit

Volume Conversions

 $1\,\mathrm{mL}$

 $1000\,\mathrm{cm}^3$



