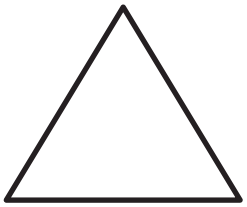
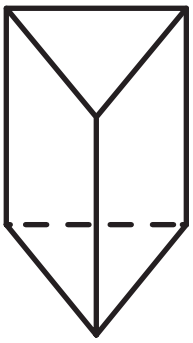
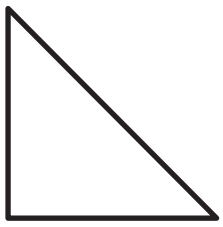
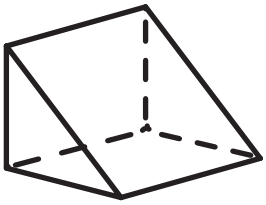
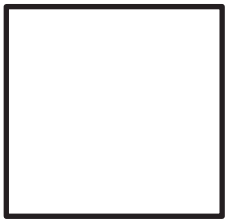
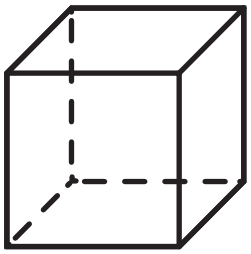
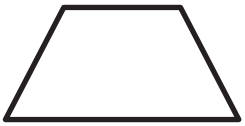
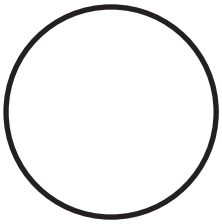
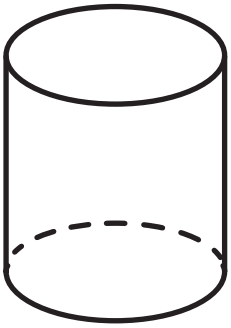
Volume of Prisms

Base dimensions	**Three dimensional object**	**Area of the base**	**Height of the prism**	**Volume of prism in cm^3**
 Base: 4 cm Height: 6 cm		Area of a triangle: A = ½ b x h =½ (4) x 6 =2 x 6 = 12 cm^2	height of prism = 10 cm	V = area of base x height = 12 cm^2 x 10 cm = 120 cm^3
 Base: 8 cm Height: 8 cm			Height of prism = 8 cm	

Volume of Prisms

 Side lengths: 8 cm			Height of prism = 15 cm	
 Base 1: 12 cm Base 2: 6 cm Height: 4 cm			Height of prism = 10 cm	
 Circle: Diameter of 16 cm			Height of prism = 16 cm	