Geometry Formulas

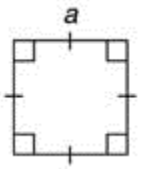
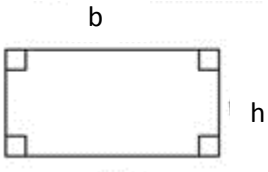
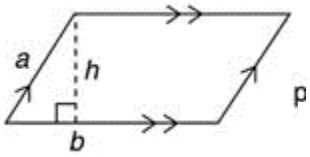
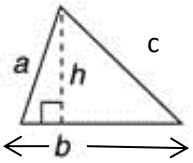
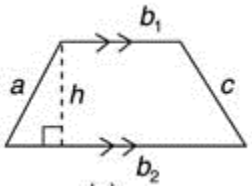
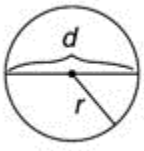
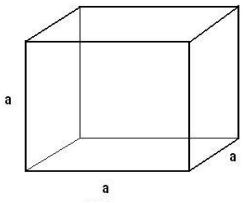
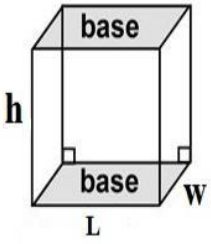
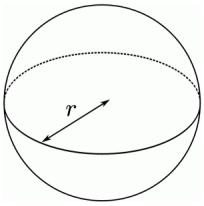
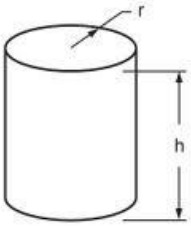
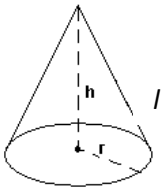
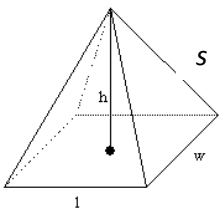
Figure	Name	Perimeter/ Circumference	Area
	**SQUARE**	P = a + a + a + a P = 4a	A = a * a A = a^2
	**RECTANGLE**	P = b + h + b + h P = 2b + 2h = 2(b + h)	A = b * h
	**PARALLELOGRAM**	P = b + a + b + a P = 2a + 2b = 2(a + b)	A = b * h
	**TRIANGLE**	P = a + b + c	A = ½ *b*h
	**TRAPEZOID**	P = a + b_1 + c + b_2	A = ½ (b_1 + b_2)h
	**CIRCLE**	C = 2πr C = πd	A = πr^2

Figure	Name	Surface Area	Volume
	**CUBE**	SA = $6a^2$	V = a^3 V = Bh **B = area of the base**
	**RECTANGULAR PRISM**	SA = 2*lw* + 2*hw* + 2*lh*	V = *lwh* V = Bh
	**SPHERE**	SA = $4\pi r^2$	V = $\frac{4}{3}\pi r^3$
	**RIGHT CIRCULAR CYLINDER**	SA = $2\pi r^2 + 2\pi rh$	V = $\pi r^2 h$ V = Bh
	**RIGHT CIRCULAR CONE**	SA = $\pi r2 + \pi rhl$	V = $\frac{1}{3}\pi r^2 h$ V = $\frac{1}{3}Bh$
	**RIGHT RECTANGULAR PRISM**	SA = *2ws* + *lw*	V = $\frac{1}{3}lwh$ V = $\frac{1}{3}$Bh