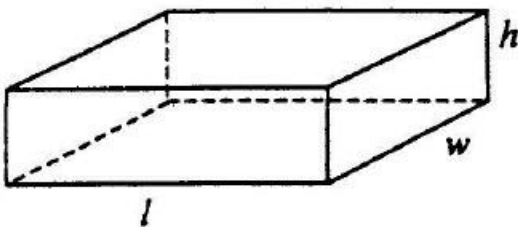
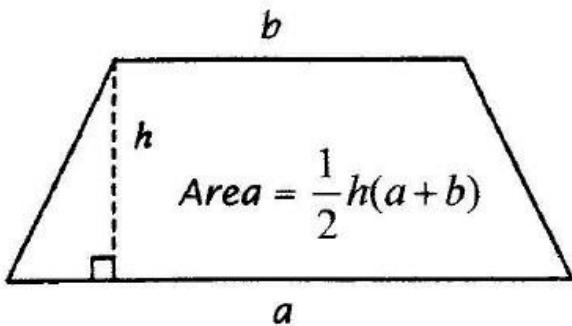
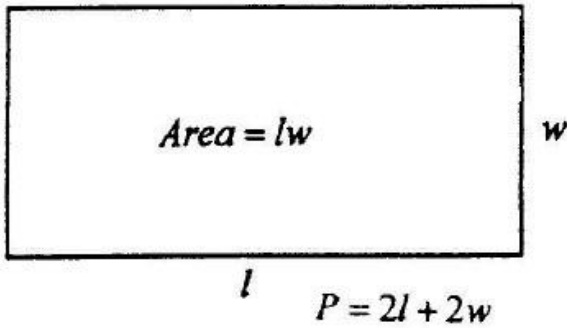
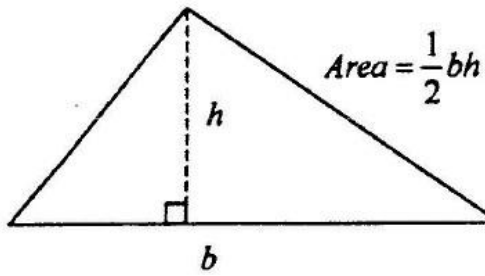
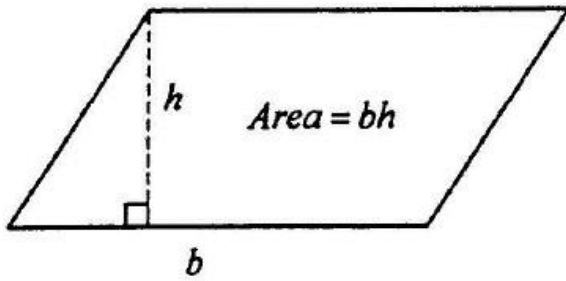
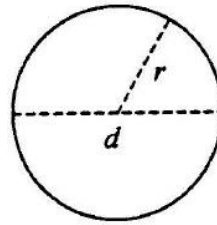


## Geometry Formulas and Shape

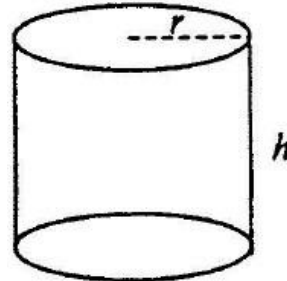
Formula Name	Formula
Perimeter of a Rectangle	$P = 2L + 2W$
Perimeter of a square	$P = 4s$
Perimeter of a triangle	$P = a + b + c$
Circumference of a circle	$C = 2\pi r$
Area of a rectangle	$A = LW$
Area of a square	$A = s^2$
Area of a triangle	$A = \frac{1}{2}bh$
Area of a parallelogram	$A = bh$
Area of a trapezoid	$A = \frac{1}{2}(b + B)h$
Area of a circle	$A = \pi r^2$
Volume of a rectangular solid	$V = lwh$
Volume of a cube	$V = s^3$
Volume of a sphere	$V = \frac{4}{3}\pi r^3$
Volume of a cylinder	$V = \pi r^2 h$
Volume of a square based pyramid	$V = \frac{1}{3}s^2 h$
Volume of a right circular cone	$V = \frac{1}{3}\pi r^2 h$
Pythagorean Theorem	$c^2 = a^2 + b^2$



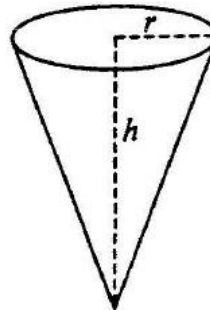
Surface Area =  $2lw + 2wh + 2lh$   
 Volume =  $lwh$



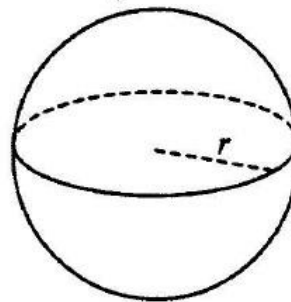
Area =  $\pi r^2$   
 Circumference =  $\pi d = 2\pi r$



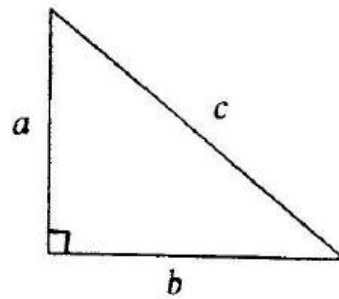
Volume =  $\pi r^2 h$



Volume =  $\frac{1}{3} \pi r^2 h$



Volume =  $\frac{4}{3} \pi r^3$



$a^2 + b^2 = c^2$