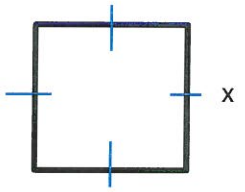
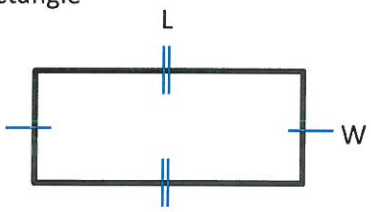
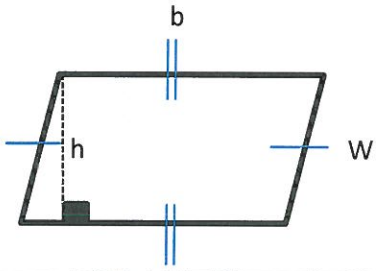
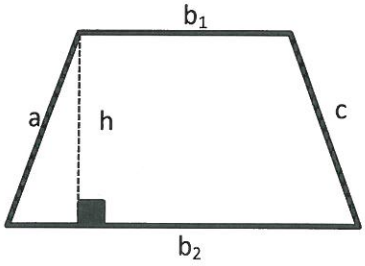
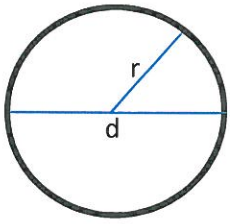
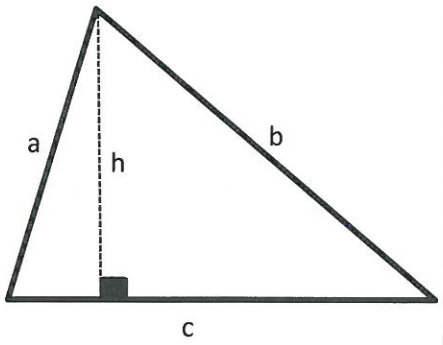
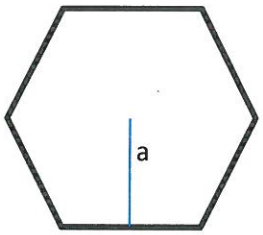
Basic Shapes

$P = Perimeter$, $A = Area$, $L = length$, $W = width$, $h = height$, $b = base$

Shape	Perimeter	Area
Square 	$P = 4x$	$A = x^2$
Rectangle 	$P = 2L + 2W$	$A = L \cdot W$
Parallelogram 	$P = 2b + 2W$	$A = b \cdot h$
Trapezoid 	$P = a + b_1 + c + b_2$	$A = \frac{(b_1 + b_2)}{2} h$
Circle 	$circumferance$ $C = 2\pi r$ **OR** $C = \pi d$	$A = \pi r^2$

Triangle  	$P = a + b + c$	**General Formula** $A = \frac{b \cdot h}{2}$ **OR** **Heron's Formula** $A = \sqrt{p(p-a)(p-b)(p-c)}$ $where\ p = \frac{a+b+c}{2}$ (half the perimeter)
 *Formulas can be used for:* - *Pentagon (5 sides)* - *Hexagon (6 sides)* - *Heptagon (7 sides)* - *Octagon (8 sides)* - *etc.*	$P = sn$	$A = \frac{ans}{2}$ $where\ a = apothem$ $where\ s = length\ of\ side$ $where\ n = number\ of\ sides$