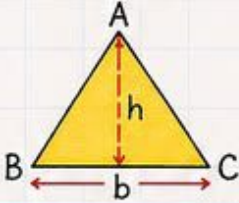
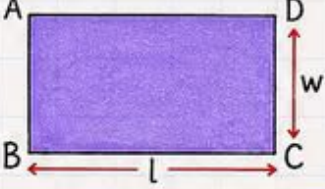
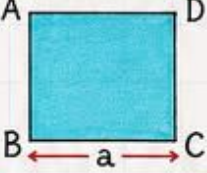
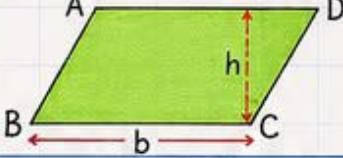
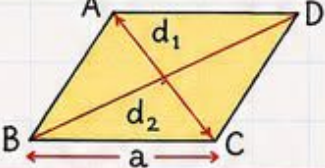
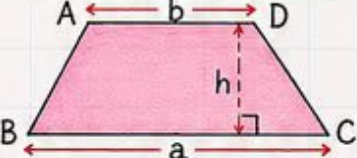
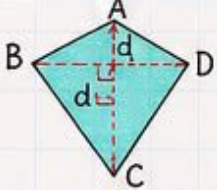
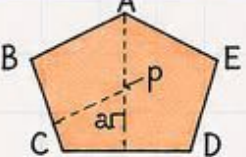
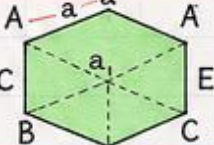
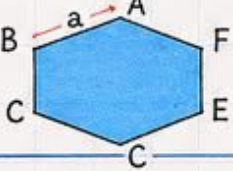


Area of Polygons

Polygons	Shapes	Formulas
Triangle		$\text{Area (A)} = \frac{1}{2} (b \times h)$ <p>here, b = base, h = height</p>
Rectangle		$\text{Area (A)} = w \times l$ <p>here, w = width, l = length</p>
Square		$\text{Area (A)} = a^2$ <p>here, a = side</p>
Parallelogram		$\text{Area (A)} = b \times h$ <p>here, b = base, h = height</p>
Rhombus		$\text{Area (A)} = \frac{d_1 \times d_2}{2}$ <p>here, d₁ and d₂ are the diagonals</p>
Trapezoid		$\text{Area (A)} = \frac{1}{2} (a + b) \times h$ <p>here, a = long base b = short base, h = height</p>
Kite		$\text{Area (A)} = \frac{d_1 \times d_2}{2}$ <p>here, d₁ and d₂ are the diagonals</p>
Pentagon		$\text{Area (A)} = \frac{1}{2} (p \times a)$ <p>here, p = perimeter a = apothem</p>
Hexagon		$\text{Area (A)} = \frac{3\sqrt{3}}{2} \times (a^2)$ <p>here, a = side</p>
Hexagon		$\text{Area (A)} = \frac{3\sqrt{3}}{2} \times (a^2)$ <p>here, a = side</p>