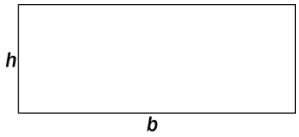
Mr. Leon
Geometry

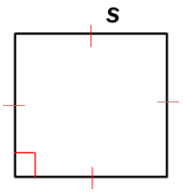
Unit 10 – Area Review

Shapes with Area Formulas:

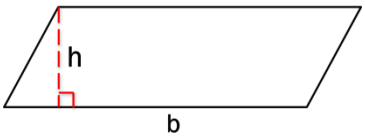
Rectangle: $A = bh$



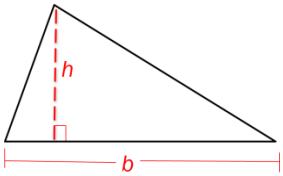
Square: $A = s^2$



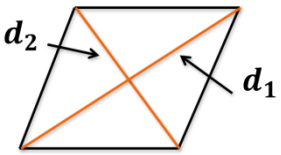
Parallelogram: $A = bh$



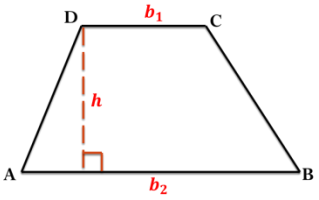
Triangle: $A = \frac{1}{2}bh$



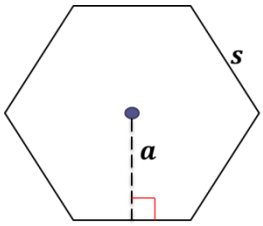
Rhombus: $A = \frac{1}{2}d_1d_2$



Trapezoid: $A = \frac{1}{2}h(b_1 + b_2)$



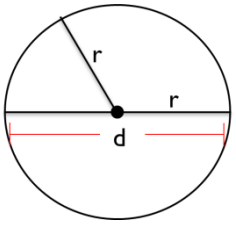
Regular Polygon: $A = \frac{1}{2}ap$



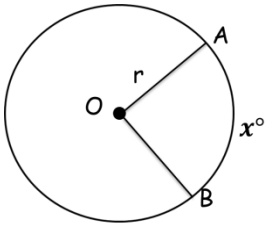
Circle

Circumference: $C = 2\pi r$

Area: $A = \pi r^2$



Arc Length: $A = \frac{x}{360} \times 2\pi r$



Area of Sector: $A = \frac{x}{360} \times \pi r^2$