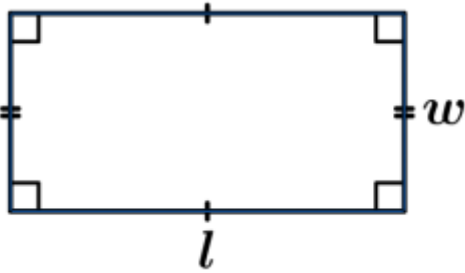
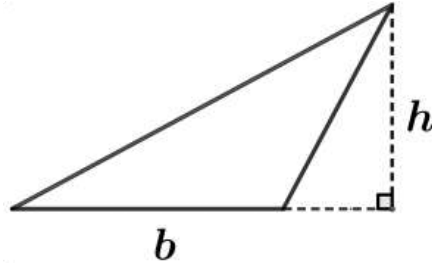


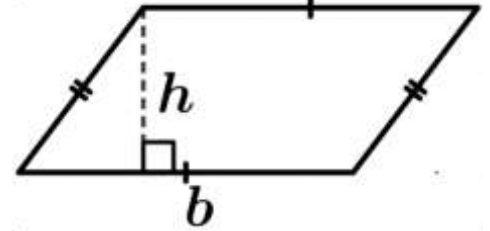
Area Formulas (2D)



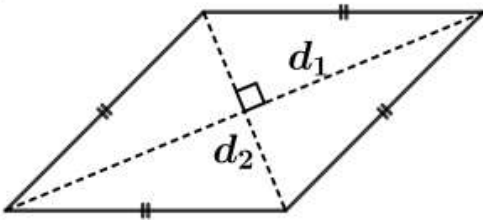
$$A = l \times w$$



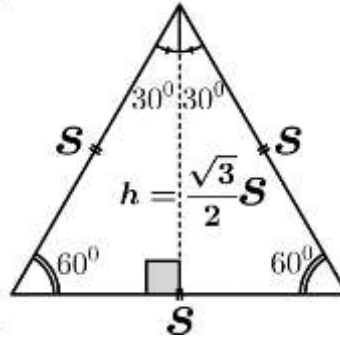
$$A = \frac{b \times h}{2}$$



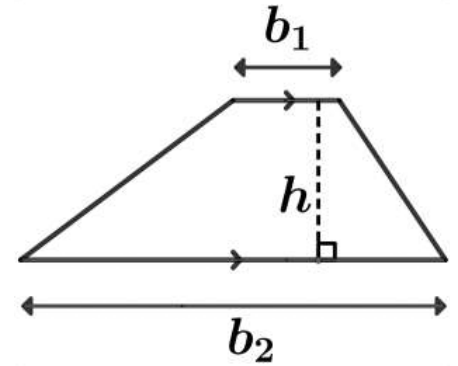
$$A = b \times h$$



$$A = \frac{1}{2} d_1 d_2$$

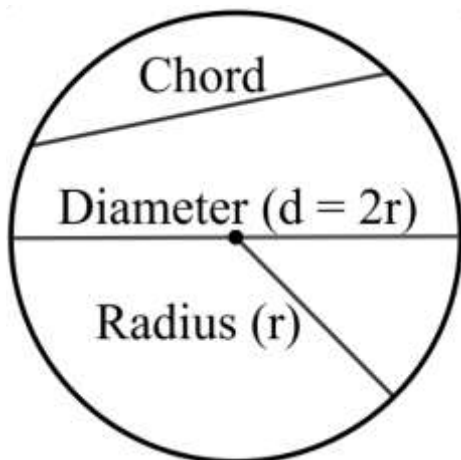


$$A = \frac{s^2 \sqrt{3}}{4}$$



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

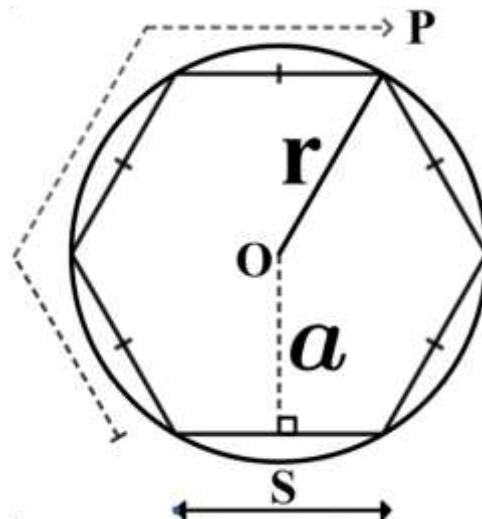
Circle



$$A = \pi r^2$$

$$C = 2\pi r = \pi d$$

Regular Polygon



$$A = \frac{1}{2} a \times P = \frac{1}{2} a \times nS$$

Area Formulas (2D)

<i>Figure</i>	<i>Area</i>
<i>Rectangle</i>	$A = \text{length} \times \text{width} = l \times w$
<i>Square</i>	$A = s^2$
<i>Triangle</i>	$A = \frac{1}{2} \text{base} \times \text{height} = \frac{b \times h}{2}$
<i>Parallelogram</i>	$A = \text{base} \times \text{height} = bh$
<i>Rhombus</i>	$A = \frac{1}{2} d_1 d_2$
<i>Equilateral Triangle</i>	$A = \frac{s^2 \sqrt{3}}{4}$
<i>Trapezoid</i>	$A = \frac{1}{2} (b_1 + b_2) h$
<i>Circle</i>	$A = \pi r^2$ $C = 2\pi r = \pi d$
<i>Regular Polygon</i>	$\text{Perimeter} = P = nS$
	$\text{apothem} = a = \frac{n}{2 \tan \frac{\pi}{n}} = R \cos \frac{\pi}{n}$
	$A = \frac{1}{2} a \times P = \frac{1}{2} a \times nS$