

Area and Perimeter Formulas

Rectangle



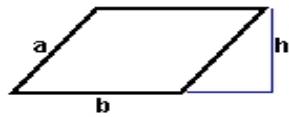
A Rectangle is a quadrilateral with four equal angles at 90° .

$$\text{Area} = ab$$

$$\text{Perimeter} = 2(a + b)$$

Parallelogram

A Parallelogram is a quadrilateral with opposite sides parallel.



$$\text{Area} = bh$$

$$\text{Perimeter} = 2(a + b)$$

Rhombus

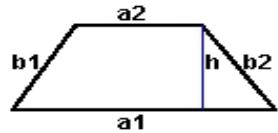
A Rhombus is a Parallelogram with all sides equal.

$$\text{Area} = ah$$

$$\text{Perimeter} = 4a$$

Trapezoid

A Trapezoid is a Quadrilateral with at least one pair of parallel sides.



$$\text{Area} = \frac{a_1 + a_2}{2} h$$

$$\text{Perimeter} = a_1 + a_2 + b_1 + b_2$$

Regular n-gon

A Regular Polygon is a polygon for which n sides and angles are equal.

$$\text{Area} = \frac{1}{2}(a n s)$$

$$\text{Perimeter} = n s$$

