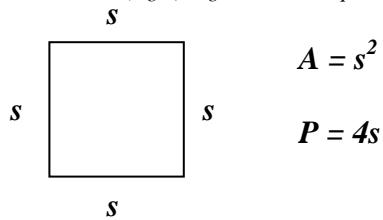


Area & Perimeter Formulas

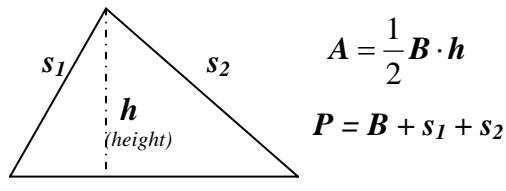
Area (A) is the amount of *square units* of space an object occupies.

Perimeter (P) is the distance *around* a figure.

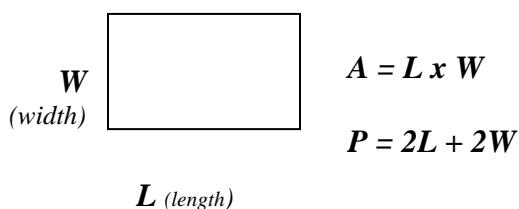
1. **Square:** A quadrilateral (4-sided figure) with four 90° (right) angles and four equal sides.



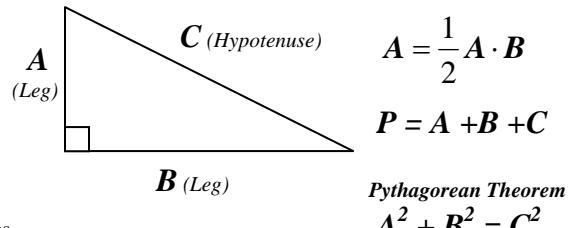
2. **Triangle:** A 3-sided figure



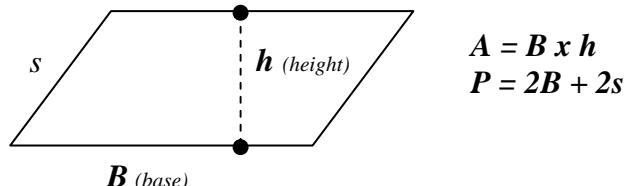
3. **Rectangle:** A quadrilateral with four 90° (right) angles.



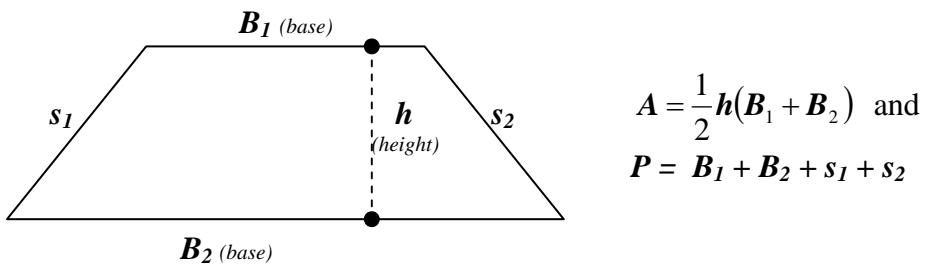
4. **Right Triangle:** triangle with a 90° (right) angle



5. **Parallelogram:** A quadrilateral with equal opposite sides.



6. **Trapezoid:** A quadrilateral with exactly one pair of parallel sides.



7. **Circle:** A set of points a constant distance (radius) from a given point (center).

$$A = \pi r^2$$

$$C = 2\pi r$$

$$d = 2r \text{ or } r = \frac{d}{2}$$

Diameter (d)
(distance across the circle)

