Def. Area

The amount of space in a closed figure.

** Area is always measured in square units **

4 in

4 in^2

Post. 11.1 Area Addition Post.

The area of a region is the sum of the areas of its nonoverlapping parts.

Area of a Parallelogram

$$A = bh$$

Where A is the Area

b is the base

h is the height or altitude

** Base and height are ALWAYS $\perp$ **

Area of a Triangle

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

Where A is area,
b is the base,
h is the height.