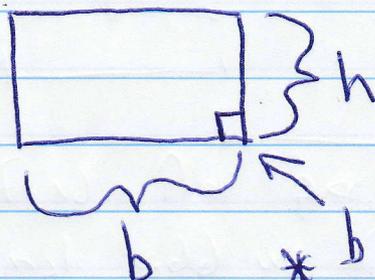


Notes on Finding The Area of Rectangles

- Area is the number of squares that have dimensions 1×1 that fits inside of a polygon. It is always measured in "square units," or units².
- The formula for finding the area of a rectangle is

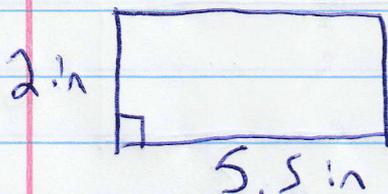
$$A = b \cdot h$$

" \cdot " means to multiply.



* b + h are connected by a right angle *

Ex.



$$A = b \cdot h$$

$$A = 2 \cdot 5.5$$

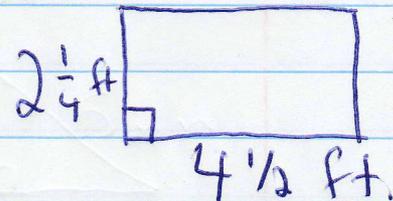
$$A = 11.0 \text{ in}^2$$

$$5.5$$

$$\times 2$$

$$\hline 11.0$$

Ex.



$$A = b \cdot h$$

$$A = 2\frac{1}{4} \times 4\frac{1}{2} = \frac{9}{4} \times \frac{9}{2} = \frac{81}{8}$$

$$A = 10\frac{1}{8} \text{ ft}^2$$

$$\begin{array}{r} 10 \\ 8 \overline{) 81} \\ \underline{80} \\ 1 \end{array}$$