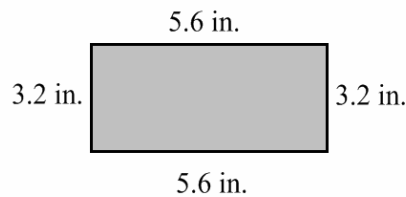


**SOL Standard 6.11:** The student will determine if a problem solution involving polygons of four or fewer sides represents the application of **perimeter** or area and **apply the appropriate formula**.

**Perimeter:** The distance around any closed geometric figure.

The perimeter (P) of a rectangle is the sum of the lengths and widths.  
It is also *two* times the length ( $\ell$ ) plus *two* times the width ( $w$ )

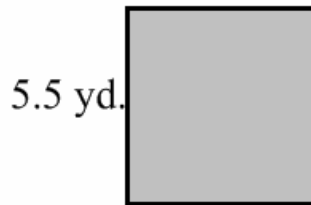
$$P = \ell + \ell + w + w \qquad \text{or} \qquad P = 2(\ell) + 2(w)$$



$$\begin{array}{l} P = \ell + \ell + w + w \\ P = 5.6 + 5.6 + 3.2 + 3.2 \\ P = 11.2 + 6.4 \\ P = 17.6 \text{ in.} \end{array} \qquad \text{or} \qquad \begin{array}{l} P = 2(\ell) + 2(w) \\ P = 2(5.6) + 2(3.2) \\ P = 11.2 + 6.4 \\ P = 17.6 \text{ in.} \end{array}$$

The perimeter of a square is *four* times the measure of any of its sides (s)       $P = 4s$

$$\begin{array}{l} P = 4s \\ P = 4(5.5) \\ P = 22 \text{ yds.} \end{array}$$



**PRACTICE:** Find the perimeter of the following rectangles.

