KEY





Give the perimeter of the following polygons.

Find the length of the missing side.



17) An office has 2600  $ft^2$  of floor space. The manager wants to cover the floor with rubber tiles that measure 8 ft<sup>2</sup> each. If tile costs \$12.00/unit, how many tiles will be needed? What will they cost?

325 tiles(\$12) = \$3,900

18) Tom is laying a concrete slab that measures  $800 \text{ ft}^2$ . If a bag of concrete mix makes enough concrete to cover 16 ft<sup>2</sup>, how many bags will Tom need for the job? If the cost of the concrete is \$6.00/bag, what will the mix cost for the job?

$$\begin{array}{c}
50 \ bags \\
16 \ 800
\end{array}$$

50 bags(\$6) = \$300

