

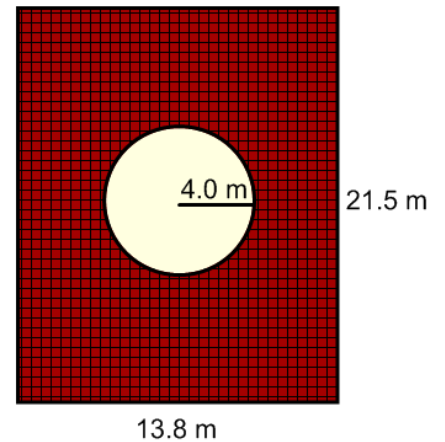
Warm Up:  
Define perimeter.

### Perimeter and Area of Composite/Net Figures

Often complex shapes can be divided into simple shapes to calculate perimeter and area.

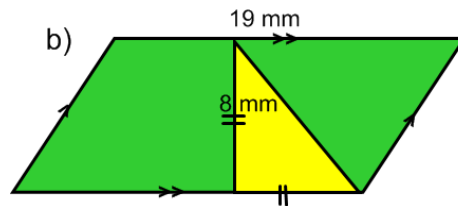
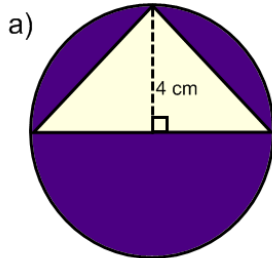
**Example 1.** A circular swimming pool is to be bordered by interlocking brick as shown in the diagram.

a) Determine the area to be covered by interlocking brick.



b) If the bricks are sold by the skid, and each skid has enough bricks to cover  $9 \text{ m}^2$ , how many skids must be purchased?

**Example 2.** Calculate the area of the shaded region.



**Example 3:** Calculate the cost to border the perimeter of the shaded garden at \$1.59/m. Round your answer to the nearest cent and include taxes.

