***Growing Rectangles***

What are possible dimensions be for a shape with an area of 20 in2?

List the possible dimensions and what would the shapes look like?



If you enlarge the figure by a scale factor of **2**, what would their new dimensions be?

The new area?

The new drawing?



If you enlarge the figure by a scale factor of **3**, what would their new dimensions be? The new area?

If you enlarge the figure by a scale factor of **5**, what would their new dimensions be? The new area?

If you enlarge the figure by a scale factor of **m**, what would their new dimensions be?

The new area?