

Enlarging the Yard



Currently, you have a rectangular yard that has perimeter of 72 meters. The current area is between 300 and 350 meters.

Part 1:

What are the dimensions of your current fenced-in space?

Explain your reasoning:

Part 2:

In order to have more space to play, your parents decide that they want to extend both dimensions by 5 meters. What are the new dimensions of your yard? What is the new perimeter? What is the new area?

Explain your reasoning: