



Question 3

Joe's rectangular garden is 6 meters long and 4 meters wide. He wishes to double the area of his garden by increasing its length and width by the same amount. Create an equation that represents this situation. Then use the concept of roots/zeros to find the number of meters by which each dimension must be increased.

Create and Solve Your Own "Number Manipulation" Quadratic Word Problem

Problem Statement:

Solution:

Create and Solve Your Own "Geometry" Quadratic Word Problem

Problem Statement:

Solution:

Create and Solve Your Own "Throwing Stuff" Quadratic Word Problem

Problem Statement:

Solution: