Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Keystone Exam Perimeter Review**

1. Dave has 82 feet of fencing to make a garden in his backyard. He wants the length to be 2 times the width.
   1. Make a drawing to represent the situation.
   2. Write an equation that represents the situation.
   3. Find the dimensions of the garden.
   4. If Dave only wants to use 60 feet of the fence, what should the dimensions be?
2. Tammy wants to paint a picture on a canvas with a one inch margin on the top and bottom and a ½ inch margin on the left and right.
   1. If the picture is 12 x 5 inches, what is the dimension of the canvas? What is the perimeter of the picture and the canvas? (Hint: Draw a picture)
   2. If the dimension of the canvas is 20 x 10 inches, what is the perimeter of the painting?
   3. Given that the dimensions of the painting can be represented by (x + 2) and (3x-1) and that it has a perimeter of 42 centimeters, find its dimensions.