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

**Perimeter Problems**

**Directions:** Find multiple solutions to fit each scenario below. Draw a model and label the dimensions.

1. George has 16 feet of fencing and needs to make a plan for his garden. Show at least two different rectangular gardens that he could construct with a perimeter of 16 feet.

2. Find at least two options for creating a fence around a dog park that has a rectangle with the perimeter of 26 feet.

**Area Problems**

**Directions:** Find multiple solutions to fit each scenario below. Draw a model and label the dimensions.

1. George wants to have an area of 24 square feet and needs a plan for his garden to begin planting. Show at least two different rectangular gardens that he could create with an area of 24 square feet.

2. Find at least two options for creating a garden that has an area of 32 square feet.