Name: _____

Area and Perimeter HW Sheet

1. Mr. Rex is planning to build an addition to our classroom. He wants the new room to have a perimeter of 16 feet and be a rectangle. He also wants there to be as much area as possible. Using the area and perimeter formulas, what is the length and width of the new classroom and what is the area? Draw the final rectangle and label the sides.

2. Mr. Rex is planning to build a closet to hold all of his T-Rex toys. This time he wants the perimeter to be 9 feet. Using the area and perimeter formulas, draw and label the shape of the new closet below.