Name:_____     Date:_____

# Multiplicative Area

Solve each problem using a visual model.  Use your knowledge of factors, multiples, and multiplicative comparisons to find the area and/or perimeter in each situation.

1.  A rectangular porch is 4 feet wide.  It is 3 times as long as it is wide.  Draw a visual model below to represent the porch.  Determine the area and perimeter of the porch.

2.  A narrow rectangular banner is 5 inches wide.  Its length is 4 times its width.  Draw a visual model of the banner and determine the area and perimeter of the banner.

3.  A rectangle has an area of 24 square units.  It width is 6 times its length.  What are the dimensions of the rectangle?