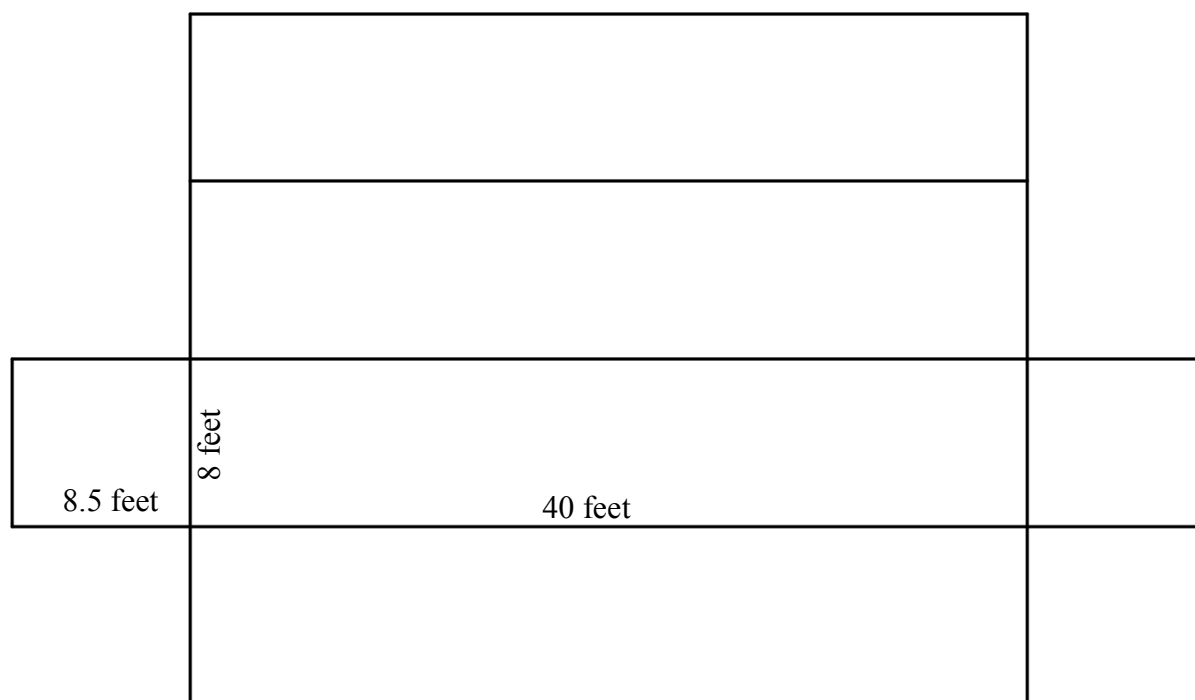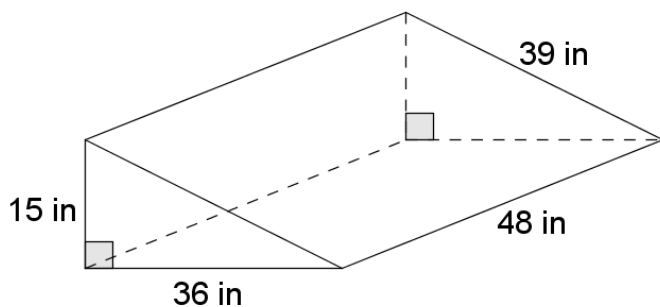Name _____ Date_____

A company needs to paint one of its shipping containers (in the shape of a rectangular prism) with anti-rust paint. Each bucket of paint will cover 1000 square feet.

Use the net below to determine how many buckets of paint the company will need to buy to paint the shipping container. Explain how you found your answer.

8.5 feet | 8 feet | 40 feet

Name _____ Date_____

Blaise wants to persuade his dad to help him build a ramp in the shape of a triangular prism, so he can learn to perform tricks on his skateboard. Mr. Powers told Blaise to make a diagram to help figure the cost of materials. Draw a net that Blaise can show his dad, and label the dimensions in inches.

39 in

15 in

48 in

36 in

Name _____   Date_____

When landing a plane, it is important for pilots to know which way the wind is blowing. In the past, some airfields without control towers used large tetrahedrons (triangular pyramids) that would rotate in the wind to show the direction the pilot should land.

An airstrip's tetrahedron is made by covering the exterior of its steel frame in sheet metal. Use the net below to calculate the area of sheet metal needed. All measurements are in feet.