



Name

Score

Solve and show all steps.

<p>A farmer wants to cover a rectangular field with new grass. The field is 75 meters long and 40 meters wide. What is the area of the field that needs to be covered?</p>	<p>Show all steps here</p>
<p>A square piece of fabric has a side length of 1.5 yards. What is the area of the fabric?</p>	<p>Show all steps here</p>
<p>A triangular sail on a boat has a base of 12 feet and a height of 15 feet. What is the area of the sail?</p>	<p>Show all steps here</p>
<p>A circular tabletop has a diameter of 1.4 meters. What is the area of the tabletop? (Use $\pi \approx 3.14$)</p>	<p>Show all steps here</p>
<p>A house has a side wall shaped like a rectangle topped by a triangle (gable end). The rectangular part is 10 meters long and 6 meters high. The triangular part has the same base length as the rectangle (10 meters) and a height of 3 meters. What is the total area of the side wall?</p>	<p>Show all steps here</p>



Solve and show all steps.

The area of the field is **3000 square meters**.

The area of the fabric is **2.25 square yards**.

The area of the sail is **90 square feet**.

The area of the tabletop is approximately **1.54 square meters**.

The total area of the side wall is **75 square meters**.