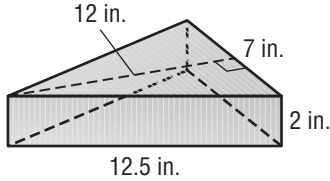


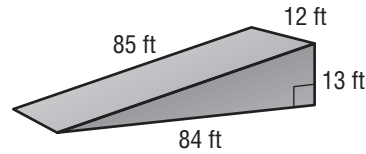
Lesson 4 Problem-Solving Practice

Surface Area of Triangular Prisms

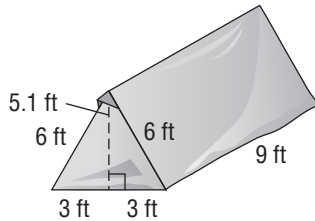
- 1. PIZZA** Find the amount of cardboard needed to make a box for a single slice of pizza. The box is in the shape of a triangular prism as shown. **148 in²**



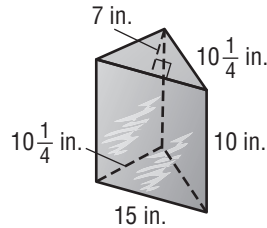
- 2. RAMPS** Sturdy Steel Construction is building a steel ramp in the shape of a triangular prism. The dimensions are shown below. What is the surface area of the ramp? **3,276 ft²**



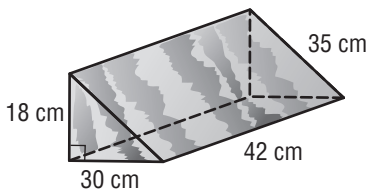
- 3. CAMPING** The Canvas Camping Company makes canvas tents like the one shown. How much material is needed to make the tent? **192.6 ft²**



- 4. DISPLAY CASES** Find the surface area of Anna's glass doll display case. The case is in the shape of a triangular prism as shown. **460 in²**



- 5. GIFTS** Mariska purchased a gift box in the shape of a triangular prism. The dimensions are shown below. What is the surface area of the gift box? **4,026 cm²**



- 6. PACKAGING** Pascal's Peanut Company packages dry-roasted peanuts in a box in the shape of a triangular prism. The dimensions are shown below. What is the surface area of the box? **1,014 cm²**

