

Name _____



Date _____

Perimeter and Area

Complete.

<p>1. Farmer Bob got a new shipment of sunflower seeds from his supplier. The supplier recommends that they be planted one seed per square foot. If his field is one hundred seventeen yards long and thirty-three yards wide, how many sunflower seeds should he plant in the field?</p>	<p>2. Sydney has a window cleaning business. She just won a contract to wash the windows on the Zooper building in downtown Mathville. It has one hundred twelve 3-ft x 6-ft windows. If she can wash the windows at an average rate of 6.9 square feet per minute, how long will it take her to wash the windows on the entire Zooper building?</p>
<p>3. The more leaf area a plant has the more photosynthesis it can do to build sugar molecules out of carbon dioxide and water. If a leaf can photosynthesize at an arbitrary rate of say nine units per minute per square centimeter of leaf area, how much leaf area does the plant have if its total rate of photosynthesis is 1431 units per minute?</p>	<p>4. Joe's Triangle Hut is having a sale. All triangles are priced at \$0.87 per square inch. At this price, how much would a triangle cost if it has a base of eleven inches and a height of fifteen inches?</p>
<p>5. How many tiles that are each one foot square are needed to cover a kitchen floor if the kitchen is nine feet long and seven feet wide?</p>	<p>6. Kayla wants to paint a large purple square on a piece of craft paper to be used as a prop in a play that she is working on. If it takes her 414 seconds to paint a square that is 1 foot 6 inches by 1 foot 9 inches foot, how long will it take her to paint a square that has an area of twenty-one square feet? Round your answer to the nearest second.</p>

