



Name _____



Date _____

Perimeter and Area

Complete.

<p>1. A new crop circle has appeared in Cool Town. It is a rather simple one. It consists of two concentric circles. The largest (outer) circle has a radius of fifty-nine meters and the inner circle has a radius of twenty-two meters. What is the difference between the perimeters of the circles?</p>	<p>2. About many times can a piece of wire that is twenty-three centimeters long be wrapped around a wooden dowel that is one-fourth of a centimeter in diameter? Round your answer to the nearest whole number.</p>
<p>3. What is the perimeter of the star shown in the following illustration? All the side lengths are equal (7.2 feet).</p> 	<p>4. A visitor from the planet Smorp comes to your class and gives a presentation on mathematics. He says that on his planet the relationship between the circumference and the diameter of a circle is represented by a special number they call "squidge." What is the name given to this special number on planet earth?</p>
<p>5. Grace has designed a small oval racetrack for her remote control car. Her design is shown in the following figure. She has two curves, each of which is half of a circle. She also has two straight-aways that she wants to connect to the circles. The curves are on a radius of twenty-one inches and the straight-aways are fifty-one inches long. What is the total distance around the track? Round your answer to the nearest whole inch.</p> 	<p>6. Mr. Brown needs to buy some fencing for his garden (too many rabbits have been getting in and eating the vegetables). If his garden is sixteen meters by thirty meters and is in the shape of a rectangle, what length of fence does he need to build?</p>

Enter answers
in text boxes.