

NAME _____

PERIMETER AND AREA

DATE _____

SOLVING WORD PROBLEMS WITH PERIMETER AND AREA

Odds and Ends

Solve each problem.

$$A = l \times w$$

$$P \text{ of a square} = 4s$$

$$P \text{ of a rectangle} = 2(l + w)$$



<p>1. The top of the new rectangular Big-Gig Thingamabob is 80 inches long and 60 inches wide. What is the top's perimeter?</p> <p>$P =$ _____</p>	<p>2. A Tiny (Spray) Soffy Widget is a square with sides that are six millimeters long. What is the Widget's area?</p> <p>$A =$ _____</p>
<p>3. A Nifty New Noodle Noodle is a 50-centimeter-long rectangle. The handy Noodle is just ten centimeters wide. What is its area?</p> <p>$A =$ _____</p>	<p>4. The top of a Dobby-Dobby has an area of 25 square inches. The Dobby's top is square. How long is each of the top's sides?</p> <p>$l =$ _____</p>
<p>5. The Great Gooey Gadget comes with a page of instructions. When the page is unfolded, it is 81 square inches. If one side of the page is nine inches wide, what is its perimeter?</p> <p>$P =$ _____</p>	<p>6. The Ding-Dong Doodled is a hot seller. The top of its box has an area of 90 square centimeters. The box's top is 15 centimeters long. How wide is it? What is the Doodled box top's perimeter?</p> <p>$W =$ _____ $A =$ _____</p>
<p>7. The perimeter of the Think Thin Thingamabob is 24 centimeters. All the Thingamabob's sides are the same length. How long are they? What is the Thingamabob's area?</p> <p>$l =$ _____ $A =$ _____</p>	<p>8. The perimeter of the handy Candy Doodled is 40 inches. The length of one side is 12 inches. How wide is the Doodled? What is its area?</p> <p>$W =$ _____ $A =$ _____</p>
<p>9. The area of the Jazzy Jester's box top is 56 square centimeters. The box top is seven centimeters long. How wide is it? What is the box top's perimeter?</p> <p>$W =$ _____ $P =$ _____</p>	<p>10. The top of the Trusty Tasty Taster has an area of 48 inches. If the top is eight inches wide, how long is its side? What is the perimeter of the top?</p> <p>$l =$ _____ $P =$ _____</p>

Bonus: The Wonder Widget is a square, and its area is 100 square meters. If you divided the Widget into two equal rectangles, what would the perimeter of each one be? Explain how you know.