

Name _____
Date _____

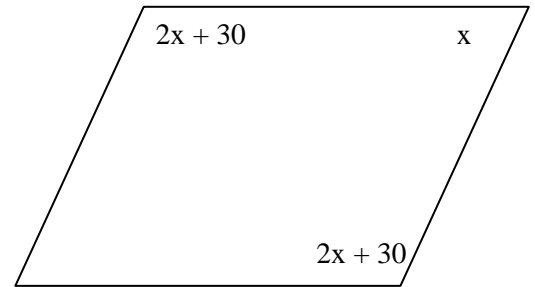
MTH 098 – Elementary Algebra
Class #9

Chapter 3.3– Geometry Problems

Quality – Accuracy – Transfer – 100%

1. **Quadrilaterals:** The four angles of a quadrilateral all add up to _____ degrees.

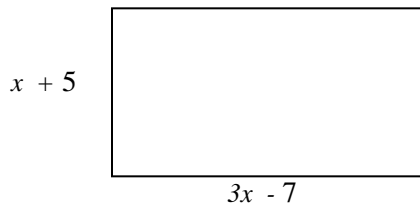
a. Find the measures for the 4 angles of the parallelogram:



Section 1. Perimeter Problems.

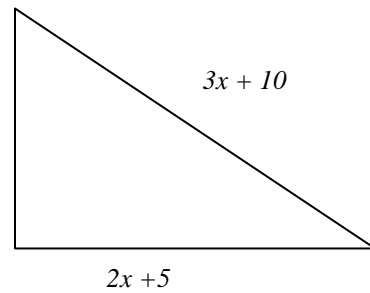
2. Represent the perimeter of each of the following figures.

a.



b.

$x - 7$



7. When working a problem that will reference the geometric figure, we do not have to write a let statement.

We will, however, _____

1a. _____

1b. _____

3. The perimeter of a rectangle is 40 feet. The length of the rectangle is 2 more than 5 times the width. Find the dimensions of the rectangle.

9. Catherine is to build a rectangular patio so that the length is 8 feet longer than the width. She has 56 board feet of lumber to frame the job, so the perimeter will be 56 feet. What will the final dimensions of the patio be?
9. The length of the second side of a triangle is 8 inches less than the first side. The third side is 14 inches more than the first side. The perimeter of the triangle is 63 inches. Find the lengths of all three sides?
10. The length of a rectangle is 5 inches more than its width. The perimeter is 66 inches. Find the dimensions of the rectangle.

Homework Section

<i>Section(s)</i>	<i>Page(s)**</i>	<i>Problem(s)</i>
3.3	199 → 202	15, ,17, 19, 21, 24, 25, 27, 29, 37

**Updated 2/24/13