Secondary Math II Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7-1 Solving by Factoring **Homework** Period: \_\_\_\_\_\_\_\_\_\_\_\_

Objective: I can solve quadratic equations by factoring.

**Solve each of the following by factoring:**

1.  2. 

3. 4. 

**Find the zeros of the following:**

5.  6.  7. 

8. Write a function with zeros at 2 and -5 9. Write a function with zeros at -9 and -2

10. A painting canvas covers 84 square inches. If the length is 5 inches longer than the width, find the dimensions of the canvas.