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

Unit 7 Review Period: \_\_\_\_\_\_\_\_

**Solve for x. Give EXACT answers:**

1**. ** 2**. **

3**. ** 4**. **

5.  6. 

7.  8. 

**Find the zeros of each function by factoring:**

9.  10. 

**What constant must be added to the polynomial to make it a perfect square?**

11.  12. 

**Solve by Completing the Square**

13.  14. 

15.  16. 

17.  18. 

19. Write a quadratic function given the zeros of -11 and 3

20. The length of a rectangular plot of land is 6 miles less than its width. If the area of the rectangle is 135 square miles, what are the dimensions of the land?