**Honors Algebra II**

**Unit 4 Solving Polynomials Review**

Perform the indicated operation

1.

3.

Solve the following polynomial equations.

5.

7.

9.

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

2.

4.

6.

8.

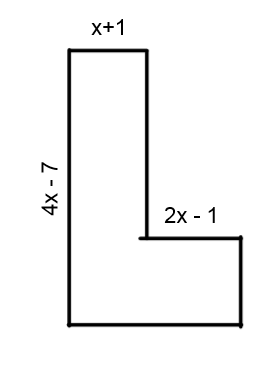
10.

Divide the following polynomials.

11. 12.

13. Given that x = -2 is a solution to the polynomial, find all remaining solutions of

14. Given f(8)= 0, find all remaining real solutions of



15. For parts (a) and (b), use the figure to the right.

a. write an expression for the perimeter of the figure.

b. Write an expression for the area of the figure.