

Name: _____

Date: _____

Corrective Assignment 6.1

Find the roots of each of the following polynomial equations by graphing. Then state the factored form for the polynomial.

1. $x^4 - 3x^3 - 8x^2 + 12x + 16 = 0$

2. $x^5 - 6x^4 - 2x^3 + 36x^2 + x - 30 = 0$

3. $2x^4 - 3x^3 - 3x - 2 = 0$

4. $2x^4 - 5x^3 - 11x^2 + 20x + 12 = 0$

5. $x^3 - 3x^2 + 4x - 12 = 0$

6. $x^4 - 7x^3 - 3x^2 + 63x - 54 = 0$