

Name: _____

UNIT 1

Date: _____

REVIEW

QUIZ #1 REVIEW: POLYNOMIAL OPERATIONS

1) $(x^2 + 7x + 12) \div (x + 3)$

2) $\frac{x^3 - 1}{x - 1}$

3) $(x + 2)(3x^2 - 2x + 11)$

4) $(11 - 15x - 7x^2)(25 - 16x^2)$

5) Write a quadratic equation that has roots of -1 and 4 in standard form.

6) Use the following polynomial graph to answer the following:

a) What are the roots?

b) What are the factors?

c) What is the equation in factored form?

