

Name: \_\_\_\_\_ Period: \_\_\_\_ Date: \_\_\_\_\_

### Friday Quiz #9 (Math 4/5)

1. Determine whether  $x - 3$  is a factor of  $x^3 + 12x^2 + 17x - 30$  and explain your reasoning.

2. Write the dividend as the product of the divisor and the quotient.

$$(2x^3 - x^2 - 13x - 6) \div (x - 2)$$

Name: \_\_\_\_\_ Period: \_\_\_\_ Date: \_\_\_\_\_

1. Determine whether  $x - 3$  is a factor of  $x^3 + 12x^2 + 17x - 30$  and explain your reasoning.

2. Write the dividend as the product of the divisor and the quotient.

$$(2x^3 - x^2 - 13x - 6) \div (x - 2)$$