

Name \_\_\_\_\_

Date \_\_\_\_\_

### Applying the Remainder Theorem - Independent Practice Worksheet

Find the remainder of each problem below.

1.  $x^3 - 6x^2 + 11x - 6 \div x - 1$

2.  $2x^2 + x - 7 \div x - 2$

3.  $x^3 + 3x^2 - 2x - 4 \div x + 2$

4.  $3x^3 - 3x^2 + 2x + 14 \div x - 1$

5.  $2x^3 + 4x^2 + 3 \div x + 3$

6.  $x^4 + 1x^3 - 3x^2 - 4x - 5 \div x - 2$

7.  $2x^2 - 5x - 1 \div x + 4$

8.  $2x^3 - x^2 - 7x + 2 \div x - 3$

9.  $2x^2 - 3x + 5 \div 2x - 1$

10.  $3x^2 + 6x - 4 \div 5x + 2$

