

Student Name: \_\_\_\_\_

## Unit 4 Day 5 Practice

### Multiply the polynomials

1.  $(5x + 3) \times (-x + 4) =$  \_\_\_\_\_

2.  $(-3x^2 - 1) \times (-x + 9) =$  \_\_\_\_\_

3.  $(4s^3 + 6s + 1) \times (-2s) =$  \_\_\_\_\_

4.  $(5a^3 - 9) \times (3a^2 - 1) =$  \_\_\_\_\_

5.  $(7a^4 + 2a^2) \times (a - 5) =$  \_\_\_\_\_

6.  $(-3u + 3) \times (u^3 - 1) =$  \_\_\_\_\_

7.  $(-10u - 3) \times (3u + 1) =$  \_\_\_\_\_

8.  $(3y^3 + 9y + 27) \times (-3y^2) =$  \_\_\_\_\_

9.  $(a^2 + 3a) \times (-a^2 + 2a) =$  \_\_\_\_\_

10.  $(-b^3 + 4b + 3) \times (2b^2) =$  \_\_\_\_\_