Name_____

Lesson #2 Multiplying Polynomials

Date_____

Expand by Distributive Property

1) $2x(4x + 7)$

2) $(x - 11)(x + 6)$

Expand by FOILing

3) $(4x - 6)(7x + 8)$

4) $(5v - 7)(2v + 2)$

5) $(8n + 2)(3n - 8)$

6) $(x + 1)(3x - 8)$

7) $(5x + 3)(5x - 3)$

8) $(4x - 7)^2$

Expand the binomials, then distribute the number in front.

9) $4(x + 9)(x - 5)$

10) $-\dfrac{1}{2}(x - 10)(x + 4)$

11) $-4(2v + 2)(v + 3)$

12) $5(8x + 9)^2$

Expand and Simplify.

13) $(8x - 5)(7x^2 - x + 1)$

14) $(x^2 + x - 4)(6x^2 + 8x + 3)$