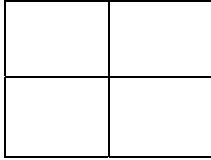


9.2-9.3 Worksheet (Multiplying Polynomials)

Multiply.

1. $(x+6)(x-6)$



2. $(3x+1)(3x-1)$



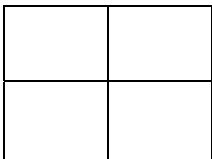
3. $(2x+1)^2$



4. $(x+5)(x-7)$



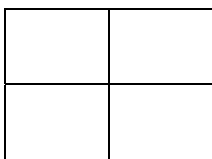
5. $(3x+5)(3x+5)$



6. $(5x-1)(3x+7)$



7. $(x-3)^2$



8. $(2x^2+3)(x^2-4)$



9. $(x^2 + 5x + 1)(2x + 3)$

10. $(x^2 + x - 3)(x^2 - 7)$

11. $(x^2 + 1)(3x^2 - 2x + 5)$

12. $(3x^2 + 9x - 2)(2x^2 - 5x + 9)$

9.2-9.3 Worksheet Answers

1. $x^2 - 36$

2. $9x^2 - 1$

3. $4x^2 + 4x + 1$

4. $x^2 - 2x - 35$

5. $9x^2 + 30x + 25$

6. $15x^2 + 32x - 7$

7. $x^2 - 6x + 9$

8. $2x^4 - 5x^2 - 12$

9. $2x^3 + 13x^2 + 17x + 3$

10. $x^4 + x^3 - 10x^2 - 7x + 21$

11. $3x^4 - 2x^3 + 8x^2 - 2x + 5$

12. $6x^4 + 3x^3 - 49x^2 + 91x - 18$