

Worksheet # 1:

Use FOIL to Find the Product

1. $(4x - 5)(x - 3)$

2. $(4x - 4)(x - 4)$

3. $(2x + 2)(3x + 5)$

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

5. $(x - 1)(2x + 5)$

6. $(5x + 2)(4x + 4)$

7. $(3x - 3)(x - 2)$

8. $(4x + 1)(3x + 2)$

9. $(5x + 3)(3x + 4)$

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

Worksheet # 1:

Use FOIL to Find the Product

Product / Answers

1. $(4x - 5)(x - 3)$ $4x^2 - 17x + 15$

2. $(4x - 4)(x - 4)$ $4x^2 - 20x + 16$

3. $(2x + 2)(3x + 5)$ $6x^2 + 16x + 10$

4. $(4x - 2)(3x + 3)$ $12x^2 + 6x - 6$

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

6. $(5x + 2)(4x + 4)$ $20x^2 + 28x + 8$

7. $(3x - 3)(x - 2)$ $3x^2 - 9x + 6$

8. $(4x + 1)(3x + 2)$ $12x^2 + 11x + 2$

9. $(5x + 3)(3x + 4)$ $15x^2 + 29x + 12$

10. $(3x - 3)(3x + 2)$ $9x^2 - 3x - 6$

Worksheet # 2:

Use FOIL to Find the Product

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

2.) $(5x - 3)(2x - 1)$

3.) $(-8x + 10)(-x + 9)$

4.) $(-10x - 4)(10x + 6)$

5.) $(4x - 6)(10x + 5)$

6.) $(-7x + 7)(8x - 7)$

7.)) $(6x - 6)(-9x - 9)$

8.) $(6x - 6)(-9x - 9)$

9.) $(-7x + 7)(8x - 7)$

10.) $(x + 5)(5x + 2)$

Worksheet # 2:

Use FOIL to Find the Product

Product / Answers

1.) $(5x + 3)(-x + 7)$ $-5x^2 + 32x + 21$

2.) $(5x - 3)(2x - 1)$ $10x^2 - 11x + 3$

3.) $(-8x + 10)(-x + 9)$ $8x^2 - 82x + 90$

4.) $(-10x - 4)(10x + 6)$ $-100x^2 - 100x - 24$

5.) $(4x - 6)(10x + 5)$ $40x^2 - 40x - 30$

6.) $(-7x + 7)(8x - 7)$ $-56x^2 + 105x - 49$

7.)) $(6x - 6)(-9x - 9)$ $-54x^2 + 54$

8.) $(6x - 6)(-9x - 9)$ $-54x^2 + 54$

9.) $(-7x + 7)(8x - 7)$ $-56x^2 + 105x - 49$

10.) $(x + 5)(5x + 2)$ $5x^2 + 27x + 10$