

Worksheet # 1:

Use FOIL To Multiply the Binomials

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

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