

Factoring Quadratic Expressions (C)

Name: _____

Date: _____

Factor each expression.

1. $5x^2 - 11x + 2$

11. $4x^2 + 23x - 6$

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

12. $3x^2 - 8x + 5$

3. $4x^2 - 23x + 15$

13. $4x^2 + 29x + 30$

4. $2x^2 + 11x - 21$

14. $4x^2 + 31x + 42$

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

15. $2x^2 - 21x + 40$

6. $4x^2 + 11x - 45$

16. $3x^2 - 29x + 40$

7. $2x^2 + x - 45$

17. $2x^2 + 9x - 35$

8. $x^2 - 13x + 42$

18. $x^2 + 13x + 36$

9. $5x^2 - 29x - 42$

19. $5x^2 - 46x + 9$

10. $x^2 + 8x + 15$

20. $5x^2 + 38x + 21$

Factoring Quadratic Expressions (C) Answers

Name: _____

Date: _____

Factor each expression.

1. $5x^2 - 11x + 2$

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

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

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

3. $4x^2 - 23x + 15$

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

4. $2x^2 + 11x - 21$

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

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

$(x + 7)(x - 1)$

6. $4x^2 + 11x - 45$

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

7. $2x^2 + x - 45$

$(x + 5)(2x - 9)$

8. $x^2 - 13x + 42$

$(x - 7)(x - 6)$

9. $5x^2 - 29x - 42$

$(x - 7)(5x + 6)$

10. $x^2 + 8x + 15$

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

11. $4x^2 + 23x - 6$

$(4x - 1)(x + 6)$

12. $3x^2 - 8x + 5$

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

13. $4x^2 + 29x + 30$

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

14. $4x^2 + 31x + 42$

$(4x + 7)(x + 6)$

15. $2x^2 - 21x + 40$

$(x - 8)(2x - 5)$

16. $3x^2 - 29x + 40$

$(x - 8)(3x - 5)$

17. $2x^2 + 9x - 35$

$(x + 7)(2x - 5)$

18. $x^2 + 13x + 36$

$(x + 4)(x + 9)$

19. $5x^2 - 46x + 9$

$(x - 9)(5x - 1)$

20. $5x^2 + 38x + 21$

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