

Factoring Quadratic Expressions (B)

Name: _____

Date: _____

Factor each expression.

1. $2x^2 + 19x + 9$

11. $4x^2 - 25x - 21$

2. $5x^2 + 18x - 35$

12. $x^2 - 2x - 63$

3. $3x^2 + 11x + 8$

13. $5x^2 - x - 4$

4. $3x^2 - 14x + 16$

14. $5x^2 - 31x + 30$

5. $4x^2 - 23x - 72$

15. $2x^2 - 11x + 14$

6. $2x^2 - x - 28$

16. $5x^2 - 3x - 14$

7. $3x^2 - 10x - 48$

17. $3x^2 - 23x + 40$

8. $x^2 + 5x - 14$

18. $2x^2 - 7x + 3$

9. $x^2 - 7x + 12$

19. $3x^2 - 28x + 32$

10. $3x^2 - 19x + 6$

20. $4x^2 - 13x + 9$

Factoring Quadratic Expressions (B) Answers

Name: _____

Date: _____

Factor each expression.

1. $2x^2 + 19x + 9$

$(x + 9)(2x + 1)$

2. $5x^2 + 18x - 35$

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

3. $3x^2 + 11x + 8$

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

4. $3x^2 - 14x + 16$

$(x - 2)(3x - 8)$

5. $4x^2 - 23x - 72$

$(4x + 9)(x - 8)$

6. $2x^2 - x - 28$

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

7. $3x^2 - 10x - 48$

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

8. $x^2 + 5x - 14$

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

9. $x^2 - 7x + 12$

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

10. $3x^2 - 19x + 6$

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

11. $4x^2 - 25x - 21$

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

12. $x^2 - 2x - 63$

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

13. $5x^2 - x - 4$

$(5x + 4)(x - 1)$

14. $5x^2 - 31x + 30$

$(x - 5)(5x - 6)$

15. $2x^2 - 11x + 14$

$(2x - 7)(x - 2)$

16. $5x^2 - 3x - 14$

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

17. $3x^2 - 23x + 40$

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

18. $2x^2 - 7x + 3$

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

19. $3x^2 - 28x + 32$

$(3x - 4)(x - 8)$

20. $4x^2 - 13x + 9$

$(x - 1)(4x - 9)$