

Factoring Trinomials: $ax^2 + bx + c$

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

Factor, write prime if prime.

1. $2x^2 - 5x - 3 =$

11. $2n^2 - 3n - 14 =$

2. $3x^2 + 10x - 8 =$

12. $5n^2 + 2n + 7 =$

3. $2y^2 + 15y + 7 =$

13. $10x^2 + 13x - 30 =$

4. $7a^2 - 11a + 4 =$

14. $12y^2 + 7y + 1 =$

5. $5n^2 + 17n + 6 =$

15. $2n^2 + 9n - 5 =$

6. $4y^2 + 8y + 3 =$

16. $2x^2 + 7x + 6 =$

7. $3x^2 + 4x - 7 =$

17. $5a^2 - 42a - 27 =$

8. $2x^2 + 13x + 15 =$

18. $15x^2 - 28x - 32 =$

9. $9y^2 + 6y - 8 =$

19. $8a^2 - 10a + 3 =$

10. $6x^2 - 7x - 20 =$

20. $2y^2 - 3y - 20 =$