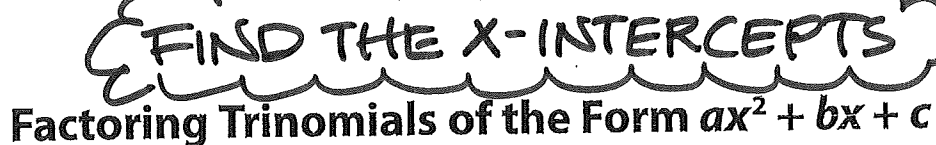


Name _____

Date _____

Factoring**FIND THE X-INTERCEPTS**
Factoring Trinomials of the Form $ax^2 + bx + c$

$$2x^2 - 5x - 12 = (2x + 3)(x - 4)$$

Factor.

1. $6x^2 - 14x - 12 =$

2. $2x^2 + 13x + 6 =$

3. $4x^2 - 15x + 9 =$

4. $6x^2 - 21x - 12 =$

5. $6x^2 - 5x - 6 =$

6. $9x^2 - 9x - 28 =$

7. $5x^2 - 24x + 16 =$

8. $15x^2 + 11x - 14 =$

9. $4x^2 + 4x - 15 =$

10. $10x^2 - 28x - 6 =$

11. $14x^2 - 16x + 2 =$

12. $7x^2 + 17x + 6 =$

13. $12x^2 - 35x + 25 =$

14. $2x^2 - 2x - 40 =$

15. $4x^2 - 7x - 15 =$

16. $11x^2 - 122x + 11 =$

17. $2x^2 + 17x + 35 =$

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

19. $4x^2 - x - 5 =$

20. $12x^2 + 9x - 3 =$