

Name: _____

Date: _____

Solving Quadratics by Factoring

Section I. Solve each quadratic by factoring.

1. $y = x^2 + 8x + 15$

2. $y = x^2 - 5x - 14$

3. $y = x^2 + 3x - 18$

4. $y = x^2 - 12x + 20$

5. $y = x^2 + 3x - 10$

6. $y = 6x^2 + 5x + 1$

7. $y = x^2 - 5x - 36$

8. $y = x^2 - 9$

9. $y = 4x^2 + 27x - 7$

10. $y = 4x^2 - 9x + 5$

11. $y = x^2 + 6x + 9$

12. $y = x^2 - 25$

13. $2x^2 + 23x = -45$

14. $y = x^2 - 8x + 16$

15. $y = x^2 + 5x - 24$

16. $y = x^2 - 16x - 36$

17. $y = x^2 - 256$

18. $3x^2 - 7x = 6$

19. $y = x^2 - 14x + 49$

20. $y = 3x^2 + x - 10$