

Name: _____

Date: _____

Solving Quadratics by Factoring Out

Section I. Find the zeros of each equation.

1. $4x^2 - 8x = 0$

2. $3x^2 - 12x = 0$

3. $x^2 + 5x = 0$

4. $6x^2 + 18x = 0$

5. $27x^2 - 9x = 0$

6. $10x^2 + 18x = 0$

7. $24x^2 - 20x = 0$

8. $x^2 + 12x = 5x$

9. $13x^2 - 14x = -7x^2$

10. $12x^2 + 15x = 6x$

11. $72x^2 = 45x$

12. $35x^2 + 12x = 27x$

13. $17x^2 + 49x = -4x^2$

14. $83x^2 - 20x = 23x^2$