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Name:_____ Date:_____

Solving Quadratics by Taking Square Roots

Section I. Find the zeros of each equation.

1. $x^2 - 25 = 0$

2. $x^2 - 81 = 0$

3. $x^2 - 169 = 0$

4. $0 = x^2 - 121$

5. $x^2 = 20$

6. $x^2 - 50 = 0$

7. $4x^2 - 25 = 0$

8. $64x^2 - 1 = 0$

9. $3x^2 = 27$

10. $5x^2 - 125 = 0$

11. $x^2 - 98 = 0$

12. $x^2 + 10 = 26$

13. $x^2 + 3 = 35$

14. $x^2 - 8 = 37$

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15. $(x+5)^2=0$

16. $(x-11)^2=0$

17. $(x-7)^2=0$

18. $(x+15)^2=0$

19. $(x-20)^2=0$

20. $(x+8)^2=0$

21. $x^2+10x+25=0$

22. $x^2-6x+9=0$

23. $x^2-12x+36=0$

24. $x^2+26x+169=0$

25. $x^2+30x+225=0$

26. $x^2-8x+16=0$

27. $x^2-20x+100=0$

28. $x^2+39x+289=0$