Name Unit 9: Quadratic Mix-Up (1 Day Only)

 

Listed below are the 5 ways to solve quadratic equations. You get to select to do any 5 with the appropriate method. (20 Each) You must show ALL work and ALL steps on a separate piece of paper.

Factoring (1)

Quadratic Formula (1)

Complete the Square (1)

Using Square Roots (1)

Graphing (1)

1. d2 – 3d = -2 2. a2 + 35 = 12a 3. 9x2 + 1 = 12x

4. x2 – 4 = 0 5. 4x( x – 1) + 1 = 0 6. p2 = 3p - 2

7. x 2 = x 8. 3x2 – 12 = 0 9. y2 = 6y

10. x2 – 100 = 0 11. y(y + 3) = 40 12. 2x 2 + x = 6

13. x2 – 3x + 2 = 0 14. x2 + 2x - 1 = 0 15. x2 + 11x + 24 = 0

 