

Name _____

Date _____

Using the Quadratic Formula - Matching Worksheet

Match the equations to their possible values for x; using the quadratic formula.

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|---------------------------------|-------------------------|
| _____ 1. $3x^2 + 21x + 36 = 0$ | a. $x = -1$ or $x = -2$ |
| _____ 2. $2x^2 + 4x - 30 = 0$ | b. $x = -5$ or $x = 6$ |
| _____ 3. $2x^2 + 6x + 4 = 0$ | c. $x = 8$ or $x = 6$ |
| _____ 4. $x^2 - 3x - 10 = 0$ | d. $x = 7$ or $x = 11$ |
| _____ 5. $x^2 - 14x + 48 = 0$ | e. $x = -3$ or $x = -4$ |
| _____ 6. $x^2 - 18x + 17 = 0$ | f. $x = -3$ or $x = -3$ |
| _____ 7. $x^2 - x - 12 = 0$ | g. $x = 5$ or $x = -2$ |
| _____ 8. $x^2 - x - 30 = 0$ | h. $x = 8$ or $x = 6$ |
| _____ 9. $x^2 + 6x + 9 = 0$ | i. $x = 3$ or $x = -5$ |
| _____ 10. $2x^2 - 28x + 96 = 0$ | j. $x = 4$ or $x = -3$ |

