Solving Quadratic Equations

Name _____

Score _____

SQ:16

Determine whether the given values of variable is a solution of the given quadratic equation. Write Yes or No.

1) $x^2 - 5x + 6 = 0$; $x = 3$

    _____

2) $3z^2 + 11z + 6 = 0$; $z = -\dfrac{2}{3}$

    _____

3) $2m^2 - 7m - 4 = 0$; $m = \dfrac{1}{3}$

    _____

4) $5t^2 + 4t - 1 = 0$; $t = 2$

    _____

5) $4u^2 + u - 3 = 0$; $u = -1$

    _____

6) $7n^2 - 5n - 2 = 0$; $n = \dfrac{1}{7}$

    _____

7) $k^2 + 9k + 4 = 0$; $k = \dfrac{1}{2}$

    _____

8) $9y^2 - 25 = 0$; $y = 5$

    _____

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Answer key

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8) $9y^2 - 25 = 0$; $y = 5$

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