

Name:

Week9.Lesson1-PerfectSquareSolving

Date:

(1) $x^2 + 18x + 81 = 0$

(2) $x^2 + 2x + 1 = 0$

(3) $x^2 + 10x + 25 = 0$

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(4) $x^2 - 4x + 4 = 0$

(5) $x^2 - 12x + 36 = 0$

(6) $81x^2 + 36x + 4 = 0$

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(7) $4x^2 + 28x + 49 = 0$

(8) $16x^2 + 8x + 1 = 0$

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Version 1 Answer Key!

(1) $x = -9, x = -9$

(2) $x = -1, x = -1$

(3) $x = -5, x = -5$

(4) $x = 2, x = 2$

(5) $x = 6, x = 6$

(6) $x = \frac{-2}{9}, x = \frac{-2}{9}$

(7) $x = \frac{-7}{2}, x = \frac{-7}{2}$

(8) $x = \frac{-1}{4}, x = \frac{-1}{4}$