

Name:

Week7.Lesson2-Square Root Solving

Date:

(1) $x^2 = 4$

(2) $(x - 8)^2 = 64$

(3) $x^2 - 9 = 16$

(4) $(x - 3)^2 - 3 = -2$

(5) $-8x^2 + 72 = 40$

(6) $(x - 9)^2 - 4 = 96$

(7) $x^2 = 1$

(8) $x^2 = 16$

(9) $(x + 2)^2 = 49$

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(10) $(x - 5)^2 = 4$

(11) $x^2 - 8 = 8$

(12) $x^2 + 4 = 104$

(13) $(x + 2)^2 + 2 = 51$

(14) $(x - 3)^2 - 3 = 6$

(15) $-5x^2 - 30 = -435$

(16) $-5x^2 - 20 = -340$

(17) $(x - 1)^2 - 3 = 61$

(18) $-6(x - 8)^2 - 24 = -30$

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(19) $-9x^2 - 9 = -909$

(20) $x^2 = 4$

(21) $7(x - 7)^2 - 49 = 63$

(22) $(x - 6)^2 = 49$

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Version 1 Answer Key!

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

(2) $x = 16, x = 0$

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

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

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

(6) $x = 19, x = -1$

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

(8) $x = 4, x = -4$

(9) $x = 5, x = -9$

(10) $x = 7, x = 3$

(11) $x = 4, x = -4$

(12) $x = 10, x = -10$

(13) $x = 5, x = -9$

(14) $x = 6, x = 0$

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

(16) $x = 8, x = -8$

(17) $x = 9, x = -7$

(18) $x = 9, x = 7$

(19) $x = 10, x = -10$

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

(21) $x = 11, x = 3$

(22) $x = 13, x = -1$