

Name:

Week11.Lesson1-RadicalEquationsDifficulty1-2

Date:

(1)  $\sqrt{26x - 168} = x$

(2)  $\sqrt{9x - 20} = x$

(3)  $\sqrt{7x} = 10x$

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(4)  $\sqrt{-20x} = 6x$

(5)  $\sqrt{-12x + 28} = x$

(6)  $\sqrt{-20x} = 9x$

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(7)  $\sqrt{-12x} = 7x$

(8)  $\sqrt{-29x - 210} = x$

(9)  $\sqrt{x} = 10x$

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(10)  $\sqrt{5x} = x$

(11)  $\sqrt{0x + 225} = x$

(12)  $\sqrt{-18x} = x$

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(13)  $\sqrt{16x - 28} = x$

(14)  $\sqrt{12x - 35} = x$

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## Version 1 Answer Key!

(1)  $x = 14, x = 12$

(2)  $x = 4, x = 5$

(3)  $x = 0, x = \frac{7}{100}$

(4)  $x = 0, x = \frac{-5}{9}$

(5)  $x = 2, x = -14$

(6)  $x = 0, x = \frac{-20}{81}$

(7)  $x = 0, x = \frac{-12}{49}$

(8)  $x = -15, x = -14$

(9)  $x = 0, x = \frac{1}{100}$

(10)  $x = 0, x = \frac{5}{1}$

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

(12)  $x = 0, x = \frac{-18}{1}$

(13)  $x = 14, x = 2$

(14)  $x = 5, x = 7$