

Name:

Week10.Lesson1-AbsoluteValueStandardOrder

Date:

(1) $|-x| = 5$

(2) $|9x| = 9$

(3) $|x + 14| = 15$

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(4) $|x + 3| = 1$

(5) $|-x - 9| = 2$

(6) $|-x + 4| = 1$

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(7) $13|x - 11| = 13$

(8) $6|x + 2| = 12$

(9) $2|x - 4| + 3 = 9$

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$$(10) -2|x - 17| + 20 = 18$$

$$(11) -1|-x + 3| + 11 = 4$$

$$(12) 11|2x + 6| - 14 = 8$$

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$$(13) \quad |-3x| = 6$$

$$(14) \quad |-7x| = 7$$

$$(15) \quad |x + 9| = 10$$

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(16) $|x + 20| = 12$

(17) $|2x - 9| = 5$

(18) $|-2x - 20| = 2$

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(19) $3|x - 6| = 3$

(20) $10|x + 7| = 10$

(21) $7|x - 14| - 6 = 15$

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$$(22) \ 3|x - 12| + 8 = 11$$

$$(23) \ 8|-4x + 13| - 3 = 13$$

$$(24) \ 4|7x - 15| + 9 = 13$$

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Version 1 Answer Key!

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

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

(3) $x=1$, $x=-29$

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

(5) $x=-11$, -7

(6) $x=3$, 5

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

(8) $x=0$, $x=-4$

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

(10) $x=18$, $x=16$

(11) $x=-4$, $x=10$

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

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

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

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

(16) $x=-8$, $x=-32$

(17) $x=7$, 2

(18) $x=-11$, -9

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

(20) $x=-6$, $x=-8$

(21) $x=17$, $x=11$

(22) $x=13$, $x=11$

(23) $x=2$, $x=3$

(24) $x=2$, $x=2$