

Name:

Week2.Lesson2.Like Terms EquationsClasswork

Date:

(1)  $-9x - 10x = 190$

(2)  $x - 10x = 9$

(3)  $-4x - 10x = -84$

(4)  $29 + 7 = 6x$

(5)  $85 - 5 = -8x$

(6)  $45 - 9 = -4x$

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(7)  $10x + x - 132 = -9x - 2x$

(8)  $4x + 5x - 152 = -5x - 5x$

(9)  $8x + 5x + 75 = -8x + 6x$

(10)  $-8 + 39 - 125x = -1 + 7 - 35$

(11)  $10 - 88 - 350x = -2 - 6 + 7 - 5$

(12)  $1 + -89 - 704x = -6 + 6 + 4 - 8$

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$$(13) -(-x + 10) - (7x - 3) = -55$$

$$(14) -10(-5x - 10) - 8(-4x - 7) = -8$$

$$(15) -(-2x - 7) + 10(-9x - 4) = 583$$

$$(16) 4(10x + 2) + 9(-9x - 1) = 122$$

$$(17) -10(-10x + 1) - 10(-9x + 7) = -1600$$

$$(18) 10(1x - 8) - 6(7x + 4) = -40$$

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$$(19) \ 7(1x + 7) + 4(5x + 7) = 131$$

$$(20) \ 10(-x - 8) - 10(-2x - 8) = 70$$

$$(21) \ -10(-5x + 5) - 6(9x - 5) = 20$$

$$(22) \ -10(4x + 10) + 4(-9x + 9) = -520$$

$$(23) \ -3(4x - 1) - 5(-2x + 6) = -15$$

$$(24) \ -8(-5x - 8) - 7(-5x + 9) = 601$$

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$$(25) -3(-3x - 2) + 10(-10x - 1) = 178$$

$$(26) 8(-9x + 4) + 9(1x + 4) = 446$$

$$(27) 4(-5x - 7) + 2(-2x + 1) = 70$$

$$(28) 6(9x - 5) - 7(10x + 1) = -85$$

$$(29) 10(-x - 1) - (-x + 6) = 20$$

$$(30) 8(-x - 8) + 2(-6x + 6) = 148$$

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## Version 1 Answer Key!

(1)  $x = -10$

(2)  $x = -1$

(3)  $x = 6$

(4)  $x = 6$

(5)  $x = -10$

(6)  $x = -9$

(7)  $x = 6$

(8)  $x = 8$

(9)  $x = -5$

(10)  $x = 5$

(11)  $x = -5$

(12)  $x = -8$

(13)  $x = 8$

(14)  $x = -2$

(15)  $x = -7$

(16)  $x = -3$

(17)  $x = -8$

(18)  $x = -2$

(19)  $x = 2$

(20)  $x = 7$

(21)  $x = -10$

(22)  $x = 6$

(23)  $x = -6$

(24)  $x = 8$

(25)  $x = -2$

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(26)  $x = -6$

(27)  $x = -4$

(28)  $x = 3$

(29)  $x = -4$

(30)  $x = -10$