

Date _____

SOLVING ABSOLUTE VALUE EQUATIONS COLORING ACTIVITY

1	$ x - 12 = 24$	$\{-12, 36\}$ GREEN	No Solution MAROON	$\{-36, 12\}$ BROWN	$\{12, 36\}$ AQUA
2	$ -3x = 6$	No Solution ORANGE	$\{-2, 2\}$ LT BLUE	$\{-3, 3\}$ NAVY	$\{-2\}$ SILVER
3	$ -x - 6 = 8$	$\{-14, -2\}$ PURPLE	$\{2, 14\}$ BROWN	No Solution WHITE	$\{-14, 2\}$ PINK
4	$ 8 - 4x = 28$	$\{-5, 9\}$ YELLOW	No Solution DK GREEN	$\{-9, -5\}$ RED	$\{5, 9\}$ GREEN
5	$ x + 4 - 5 = 4$	$\{-13, -5\}$ SILVER	$\{5, 13\}$ ORANGE	No Solution MAROON	$\{-13, 5\}$ RED
6	$4 x + 11 = 44$	$\{-22, 0\}$ WHITE	$\{0, 22\}$ NAVY	$\{0\}$ YELLOW	No Solution BROWN
7	$ 10 + 10x + 5 = 125$	No Solution LT BLUE	$\{-13, -11\}$ AQUA	$\{-13, 11\}$ PURPLE	$\{11, 13\}$ PINK
8	$\frac{ 4x - 2 }{3} = -3$	$\{11/4\}$ RED	No Solution DK GREEN	$\{-7/4\}$ LT BLUE	$\{-7/4, 11/4\}$ BLACK
9	$-4 -10 + x - 7 = -103$	No Solution ORANGE	$\{-34, -14\}$ YELLOW	$\{-14, 34\}$ NAVY	$\{14, 34\}$ SILVER
10	$5 x + 1 + 7 = -38$	$\{-10, 8\}$ AQUA	$\{-10 - 8\}$ GREEN	No Solution SILVER	$\{8, 10\}$ PINK
11	$4 5 + 2x + 12 = 136$	$\{-18, -13\}$ BLACK	$\{13, 18\}$ RED	No Solution LT BROWN	$\{-18, 13\}$ ORANGE
12	$14 x + 14 + 13 = 69$	No Solution DK PINK	$\{-18, -10\}$ BROWN	$\{-10, 18\}$ TAN	$\{-18, 10\}$ GRAY
13	$6 + 2x - 11 = 37$	$\{-21, 10\}$ DK GREEN	$\{-10, 21\}$ AQUA	$\{-21, -10\}$ PINK	No Solution LT BLUE
14	$6 + 8 7x + 14 = 174$	$\{1, 5\}$ WHITE	No Solution PURPLE	$\{-5, 1\}$ MAROON	$\{-5, -1\}$ YELLOW