



Absolute Value Equations

Version 1

Name: _____

Date: _____

Score: _____

Direction: Solve each absolute value equation.

1) $|10 - x| = 4$

2) $|1 - 2x| = 13$

3) $-3 - 8|4x + 10| = -51$

4) $3|9 - 9x| - 10 = 71$



Name: _____

ANSWER KEY

Date: _____

Score: _____

Direction: Solve each absolute value equation.

1) $|10 - x| = 4$

$x_1 = 6, x_2 = 14$

2) $|1 - 2x| = 13$

$x_1 = -6, x_2 = 7$

3) $-3 - 8|4x + 10| = -51$

$x_1 = -1, x_2 = -4$

4) $3|9 - 9x| - 10 = 71$

$x_1 = -2, x_2 = 4$