

Solving Multi-Step Absolute Value Equations

Date _____

Solve each equation.

~~~~~Make sure you solve once for Positive and once for Negative possibilities~~~~~

1)  $\frac{|4b|}{8} = 1$

2)  $\frac{|-6n|}{4} = 2$

3)  $|x + 3| - 2 = 0$

4)  $|-8 + n| - 10 = -7$

5)  $\frac{|x - 4|}{4} = 1$

6)  $|-9m| - 10 = -1$

7)  $-6|8a + 3| = -30$

8)  $6|10n - 6| = 96$

9)  $5|7p - 2| - 2 = 8$

10)  $4 - 5|7a - 5| = -111$