

## Absolute Value Equations

Solve:

1.  $|x + 2| + 3 = 8$

2.  $|x + 6| = 2x$

3.  $|2x - 4| = 0$

4.  $3|x - 5| = 6$

5.  $|x + 7| - 3 = 4$

6.  $|7 + 3x| = 11 - x$

7.  $|2x - 1| = 5$

8.  $|10x + 5| = -5$

9.  $|2 - 5x| = 7$

10.  $|x| + 3 = 2x$

11.  $|-x - 5| = 8$

12.  $|-x - 3| - 7 = -5$

13.  $|4x - 1| = 5x + 37$

14.  $|-4x + 7| = 3$

15.  $3|x - 2| - 10 = 11$

16.  $2|3x + 4| + 5 = 16$