

Solve the following equations. Show all steps to support your solution.

1.) $|x - 4| = 2$

2.) $|2x - 3| = 5$

3.) $|3x - 7| = 26$

4.) $5|x| = 35$

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

6.) $|x + 8| = -12$

7.) $5|x - 2| = 15$

8.) $4|x + 6| - 3 = 5$

9.) $|3x + 1| + 4 = 11$