

Determine the number of solutions to a linear absolute value equation.

1. $|x + 12| + 6 = 46$

2. $|x - 8| - 2 = 1$

3. $-|x - 15| + 6 = 10$

4. $|x - 4| + 6 = -2$

5. $|x - 2| = 0$

6. $-|x + 4| - 8 = -8$

7. $|8 + x| + 8 = 12$

8. $|x - 9| + 4 = 17$

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

10. $-|9 + x| - 8 = 6$

11. $|x - 12| + 17 = 17$

12. $|x - 5| + 2 = 2$

13. $|5 + x| + 8 = 14$

14. $-|5 + x| + 3 = 8$

15. $|x + 6| - 9 = -16$

16. $|x - 8| - 2 = 2$