

Homework

Pg. 150 #18 - 25, 48

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

19. $|x| + 7 = 21 - 9$

20. $|3x| + 8 = 9$

21. $2|x + 1| + 4 = 12$

22. $|x + 4| = -7$

23. $7 = |3x + 9| + 7$

24. $5|x + 7| + 14 = 8$

25. The two numbers that are 5 units from 3 on the number line are represented by the absolute-value equation $|n - 3| = 5$. What are these two numbers? Graph the solutions.

48. **ERROR ANALYSIS** Find and explain the error below. What is the correct answer?

	$-3 x + 6 = -9$
	$-3x - 18 = -9$
	$-3x = 9$
	$x = -3$