

3-7. Absolute Value Equations

Name _____ Hr _____

1. $|x| + 2 = 3$

12. $\frac{|a-5|}{8} = 5$

2. $|x + 5| = 11$

13. $-10|v + 2| = -70$

3. $|x - 4| = 0$

14. $|7x| = 3$

5. $-3|p| = -12$

15. $|y| = 4$

7. $4|n + 8| = 56$

16. $|k| = -3$

9. $|x - 2| = 3$

17. $|x - 8| - 7 = 3$

11. $|3x - 7| = 26$

18. Why does an absolute value equation have two answers?