

Name: _____

Period: _____ Date: _____

Solving Absolute Value Equations – One Step

Section I. Solve for the variable if possible

1. $|x| = 8$

2. $|y| = -3$

3. $|j + 3| = 11$

4. $|m - 6| = 4$

5. $|3k| = 15$

6. $|-4h| = 16$

7. $|g + 9| = -2$

8. $|7 + a| = 13$

9. $|b - 14| = 5$

10. $|-f| = 10$

11. $\frac{|x|}{8} = 9$

12. $\left|\frac{p}{-7}\right| = 6$

13. $3|j| = 12$

14. $|q| - 5 = 16$

15. $-9|g| = 36$

16. $\frac{|y|}{7} = -9$

17. $|m| + 13 = 25$

18. $|a| - 9 = -4$

19. $|d + 7| = 1$

20. $\frac{|p|}{8} = 5$

21. $-6|x| = -30$

22. $-5|x| = 45$

23. $|k| - 23 = -16$

24. $|x| + 18 = 29$