

NAME _____

DATE _____

Module 6 Solving Absolute Value Equations and Inequalities

Lesson 2 Solving Advanced Absolute Value Equations



**additional
practice**

Solve the following absolute value equations.

- | | |
|-----------------------------|------------------------------|
| 1. $ x = 7$ _____ | 2. $ x = -3$ _____ |
| 3. $2 x = 12$ _____ | 4. $3 x = 9$ _____ |
| 5. $-3 x = -15$ _____ | 6. $3 x + 1 = 7$ _____ |
| 7. $4 x - 2 = 10$ _____ | 8. $2 x - 1 = 3$ _____ |
| 9. $3 x - 5 = 9$ _____ | 10. $2 x - 6 = 8$ _____ |
| 11. $5 x + 2 = 12$ _____ | 12. $3 x - 2 = 7$ _____ |
| 13. $5 = x + 3 - 4$ _____ | 14. $4 x - 3 - 1 = 7$ _____ |
| 15. $ x + 6 = 15$ _____ | 16. $ x + 7 + 1 = 7$ _____ |
| 17. $ 2x - 3 = 13$ _____ | 18. $ 2x - 1 = 7$ _____ |
| 19. $3 x + 2 = 6$ _____ | 20. $3 x + 4 = 9$ _____ |

