

NAME _____

DATE _____

Module 18 Solving Radical Equations
Lesson 2 Solving Multi-Step Radical Equations

**additional
practice**

Solve.

- | | |
|------------------------------------|---|
| 1. $\sqrt{x} - 1 = 10$ _____ | 2. $\sqrt{t} + 2 = 4$ _____ |
| 3. $3\sqrt{k} = 12$ _____ | 4. $5\sqrt{a} = 30$ _____ |
| 5. $\frac{1}{2}\sqrt{x} = 5$ _____ | 6. $-2\sqrt{b} = -6$ _____ |
| 7. $2\sqrt{h} = -8$ _____ | 8. $-\frac{1}{4}\sqrt{b} = -3$ _____ |
| 9. $-5\sqrt{r} = 40$ _____ | 10. $\frac{3}{4}\sqrt{w} = 9$ _____ |
| 11. $\sqrt{4x} = 8$ _____ | 12. $\sqrt{6t} = 3$ _____ |
| 13. $\sqrt[3]{9g} + 2 = 5$ _____ | 14. $4\sqrt[3]{f + 2} = 20$ _____ |
| 15. $\sqrt{3x} + 5 = 3$ _____ | 16. $\sqrt[3]{2v - 1} = 2$ _____ |
| 17. $\sqrt{2x - 5} = 7$ _____ | 18. $\frac{\sqrt{s + 2}}{4} = 3$ _____ |
| 19. $\sqrt[3]{3x} + 5 = 2$ _____ | 20. $\frac{2\sqrt{x - 2}}{3} = 4$ _____ |
| 21. $\sqrt{5x + 6} + 6 = 22$ _____ | 22. $\sqrt[3]{4g} + 3 = 9$ _____ |



