Homework: 4.8 Solving Radical Equations Algebra 2 Kitt

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_

**Directions**: Solve each equation. Be sure to check your answers for extraneous solutions.



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11. $16(x-3)^{\frac{2}{3}}=64$ 12. $(x+2)^{\frac{3}{2}}=1$

13. $-46=-2(33-2m)^{\frac{3}{4}}+8$ 14. $-5(b-20)^{\frac{5}{4}}=-1215$