

Algebra 2 – Unit 2 Lesson 2 Day 2 Worksheet

Name: _____ Hour: _____

Solve the following equations.

1. $\sqrt[3]{x} + 4 = 9$

7. $-2\sqrt[4]{x} = -12$

2. $12 = x^2 - 4$

8. $-12 = -3x^2$

3. $\frac{4}{5}x^2 = -4$

9. $6x^4 = -30$

4. $-16 = \frac{x^5}{2}$

10. $-5x^3 = -30$

5. $(x + 1)^2 = 16$

11. $\left(\frac{6}{5}x\right)^5 = 32$

6. $\sqrt[5]{\frac{x}{3}} = -1$

12. $\sqrt[3]{-9 + x} = 3$