

Name: _____ Date: _____ Period: _____

JS

Solving for x with Cube and Square Roots

1. $\sqrt[3]{64} = x$

9. $29 = x^2 - 7$

2. $-50 + x^2 = 50$

10. $137 = x^3 + 12$

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

11. $5x^2 = 80$

4. $2(24) = x^2 - 1$

12. $x = \sqrt[3]{27}$

5. $x^3 + 8 = 16$

13. $\frac{x^3}{9} = 24$

6. $31 = x^2 + 6$

14. $680 = 2x^3 - 6$

7. $\frac{54}{2} = 3x^2$

15. $67 + x^3 = 4(17)$

8. $x^2 = 43 + 38$

16. $x^3 - 17 = 10$