

FIND ALL THE REAL SQUARE ROOTS OF EACH NUMBER.

1. 400

2. -196

3. 10,000

4. 0.0625

FIND ALL THE REAL CUBE ROOTS OF EACH NUMBER.

5. 216

6. -343

7. -0.064

8. $\frac{1000}{27}$

FIND ALL THE REAL FOURTH ROOTS OF EACH NUMBER.

9. -81

10. 256

11. 0.0001

12. 625

FIND EACH REAL ROOT.

13. $\sqrt[4]{0.0081}$

14. $\sqrt[3]{27}$

15. $\sqrt[3]{-27}$

16. $\sqrt{0.09}$

SIMPLIFY EACH RADICAL EXPRESSION. USE ABSOLUTE VALUE SYMBOLS WHEN NEEDED.

17. $\sqrt{25(x+2)^4}$

18. $\sqrt[3]{\frac{64x^9}{343}}$

19. $\sqrt[3]{-0.008}$

20. $\sqrt[4]{\frac{x^4}{81}}$

21. $\sqrt{36x^2y^6}$

22. $\sqrt[4]{(m-n)^4}$