

Square & Cube Roots Review

Name: _____

Find the square root(s).

1. $-\sqrt{64}$

2. $\sqrt{169}$

3. $\pm\sqrt{\frac{9}{25}}$

4. $\sqrt{\frac{36}{121}}$

Evaluate the expression. Show your work!!

5. $8 - 2\sqrt{16}$

6. $\sqrt{0.25} + 2.3$

7. $-5\sqrt{64}$

8. $12 - 3\sqrt{144}$

9. $\sqrt{0.36} + \sqrt{1.96}$

10. $\sqrt{5.29} - 1$

11. $5\sqrt{36} - 7$

12. $6\left(\sqrt{\frac{150}{6}} - 3\right)$

Tell whether the number is rational or irrational. Explain.

13. $-\sqrt{144}$

14. 5π

15. $4.\overline{85}$

16. $5\frac{2}{7}$

ESTIMATE to the nearest integer.

17. $\sqrt{78}$

18. $-\sqrt{54}$

19. $\sqrt{2.3}$

20. Which number is greater, 10 or $\sqrt{106}$?

Find the cube root of the number.

21. $\sqrt[3]{512}$

22. $\sqrt[3]{-216}$

23. $\sqrt[3]{1331}$

