

Name _____
Mr. Schlansky

Date _____
Pre Calculus

Reducing Cubed Roots

Reduce the following radicals into simplest form

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

2. $\sqrt[3]{16}$

3. $2\sqrt[3]{250}$

4. $3\sqrt[3]{108}$

5. $2\sqrt[3]{135}$

6. $5\sqrt[3]{384}$

7. $-2\sqrt[3]{72}$

8. $3\sqrt[3]{375}$

$$9. 3x\sqrt[3]{128x^6y^5z^{11}}$$

$$10. 2x^2yz\sqrt[3]{125x^4y^5z^6}$$

$$11. 4ab\sqrt[3]{500a^9b^6c^{13}}$$

$$12. 4z\sqrt[3]{54x^7y^3z^5}$$

$$13. abc\sqrt[3]{64a^5b^{15}c^2}$$

$$14. -3x^2z\sqrt[3]{270x^8y^{14}z^{19}}$$