

Math 0030 October 18, 2006 Homework 18

Text problems: 9.2 # 1-101 alt. odds

Simplify

1) $\sqrt[3]{x^{12}}$

2) $\sqrt[5]{x^{25}y^{60}}$

3) $\sqrt[3]{y^{14}}$

4) $2\sqrt[3]{3a^4} - 3a\sqrt[3]{81a}$

5) $\sqrt{a^3b} \sqrt{ab^4}$

6) $\frac{4}{\sqrt{7}}$

7) $\frac{3}{\sqrt{5}-4}$