

Algebra-Trig. Worksheet for P.2

Use the properties of exponents to simplify each expression.

1. $(2xy^2)^3$

2. $\left(\frac{5x^3}{y}\right)^2$

Rewrite each expression with positive exponents

3. $\frac{12a^3b^{-3}}{4a^{-2}b}$

4. $\left(\frac{3x^2}{y}\right)^{-2}$

Rewrite

5. 9.36×10^{-6}

6. 836,100,000

Evaluate the following:

7. $-\sqrt{36}$

8. $\sqrt[3]{\frac{125}{64}}$

9. $\sqrt[3]{-32}$