

Name: _____ Date: _____ Period: _____

Exponents Practice

Simplify the expressions. There should be only positive exponents in your final answer and only one of each base. Evaluate any powers that are squared or cubed.

1. $x^8(x^3 \cdot y)^2$	2. $\frac{y^4}{y^9}$	3. $\left(\frac{2}{3}\right)^3$	4. $(5x^{-5}y^3)^2$
5. $3x^0 \cdot 10y^2$	6. $-(4x)^0$	7. $8x^4y^3 \cdot 2xy^6$	8. $\frac{x^5y^7}{x^4y^{10}}$

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