

Name: _____ Date: _____ Period: _____

Zero and Negative Exponent Rules

Simplify using only positive exponents

1. $(x^3)^0$

8. $(7y)^0 3y^2$

2. y^0

9. $\frac{x^3}{20y^{-2}}$

3. $4r^{-3}$

10. n^{-3}

4. $2m^{-4}$

11. $2x^3y^{-3}$

5. $(10x^5y^3)^0$

12. $5y^{-1}z^2$

6. $\frac{x^{-1}}{y^{-2}}$

13. $\frac{1}{p^{-6}}$

7. $-3x^{-4}y^0$

14. $\frac{8x^{-2}y^0}{z^{-4}}$