

STATION 2

Date _____ Period _____

Simplify. Your answer should contain only positive exponents.**POWER RULE: Distribute the exponent to every term in the parenthesis. Multiply the exponents. Make sure all negatives are moved to the bottom.**

1) $(4a^0b^3)^{-1}$

2) $(3x^0)^2$

3) $(4uv^{-3})^3$

4) $(x^{-3})^3$

5) $(x^{-4}y^4)^2$

6) $(x^2y^{-1})^2$

7) $(4y^{-4})^3$

8) $(y^3)^2$

9) $(m^0n^{-4})^0$

10) $(3y^{-2})^4$

11) $(2y^{-4}z^0)^{-2}$

12) $(m^2n^{-3}p^2)^{-1}$

13) $(4m^4p^2)^2$

14) $(4a^{-2}b^{-4}c^2)^4$

15) $(3m^3n^3p^2)^3$