

Quarter 2 Review

Period _____

(4-1a) Simplify. Your answer should contain only positive exponents.

1) $2a^4b^0 \cdot 2a^4b^0$

2) $2v^{-1} \cdot 4u^3v^{-1}$

3) $2n^3 \cdot m^2$

4) $(m^{-3})^{-1}$

5) $(3m^2n^0)^2$

6) $(2x^4y^2)^4$

7) $\frac{3uv^{-4}}{vu^4}$

8) $\frac{4u^4v^0}{2vu^0}$

9) $\frac{4x^3y^2}{x^0y^2}$

10) $\frac{3n^3}{3n^2 \cdot 4n}$

11) $\frac{a \cdot 4a^{-3}}{2a^4}$

12) $\frac{2k^{-3} \cdot k^2}{2k^0}$