

## Exponents:

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**Simplify. Your answer should contain only positive exponents.**

1)  $3a^0b^{-2} \cdot 4a^{-3}b^{-2}$

2)  $3x^{-1}y^{-4} \cdot 2yx^{-4}$

3)  $-2y^4 \cdot (-2x^0y^{-2})^3$

4)  $(2xy^{-3})^{-4} \cdot -2x^0y^4$

5)  $\frac{(-u^{-2}v^2)^4 \cdot -2v^0}{2u^4v^2}$

6)  $\left(\frac{-2v^2}{-u^{-1}v^3 \cdot u^2v^4}\right)^3$