

More dividing monomials

Date _____ Period _____

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Simplify. Your answer should contain only positive exponents.

1) $\frac{-3x^0y^2}{-3y}$

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

3) $-\frac{4yx^4}{yx^4}$

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

5) $\frac{3y^2}{2y^{-4}}$

6) $\frac{x^{-1}y^3}{-4x^2y^{-3}}$

7) $\frac{m^4n^4}{-m^4n^3}$

8) $-\frac{4m}{2m^{-1}n^{-2}}$

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

10) $\frac{-2x^3y^2}{-2x^4y^3}$

$$11) \frac{(b^3)^2}{2a^2b^2}$$

$$12) \frac{u^4v^0}{(2u^2v^0)^3}$$

$$13) \left(\frac{2a^0b^4}{-2ba^2} \right)^4$$

$$14) \frac{(-x)^4}{2x^2y^3}$$

$$15) \left(-\frac{y^2}{xy^3} \right)^4$$

$$16) \frac{(m^2n^2)^2}{(2m^0n^4)^0}$$

$$17) -\frac{2x^4}{(-x)^3}$$

$$18) \frac{y}{(-x^0y^3)^4}$$

$$19) \frac{(-n^4)^4}{2m^2n^2}$$

$$20) \left(\frac{-2y^4}{-2y^3} \right)^3$$