Simplificación de expresiones de exponentes (2 variables)

Nombre: _____ Fecha: _____ Puntuación: _____

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

$4 \times y^{(-4)}x^{(-1)}(x^{4})^{(-1)}x^{(-2)}(y^{4})^{5}$

$6x^{2} \times y^{2}(x^{(-3)} \times y^{6})^{5}$

$6x^{3} \times y^{3}(x^{6} \times y^{(-3)})^{4}$

$4x^{5} \times y^{5}(x^{(-1)} \times y^{3})^{3}$

$$\frac{4x^{4} \times y^{(-3)}(x^{5} \times y^{5})^{4}}{4 \times y^{(-3)}(x^{3})^{3}}$$

$7 \times y^{(-1)}x^{(-3)}(x^{(-3)})^{3}x^{3}(y^{3})^{2}$

$$\frac{6x^{9} \times y^{(-1)}(x^{(-1)} \times y^{(-1)})^{4}}{1 \times y^{(-2)}(x^{3})^{3}}$$

$2x^{(-3)} \times y^{(-3)}(x^{(-1)} \times y^{(-12)})^{6}$

$2x^{4} \times y^{4}(x^{(-1)} \times y^{(-3)})^{2}$

Simplificación de expresiones de exponentes (2 variables)

Nombre: _____ Fecha: _____ Puntuación: _____

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

$4xy^{3}$

$4 \times y^{(-4)}x^{(-1)}(x^{4})^{(-1)}x^{(-2)}(y^{4})^{5}$

$\frac{4y^{16}}{x^{7}}$

$6x^{2} \times y^{2}(x^{(-3)} \times y^{6})^{5}$

$\frac{6y^{32}}{x^{13}}$

$6x^{3} \times y^{3}(x^{6} \times y^{(-3)})^{4}$

$\frac{6x^{27}}{y^{9}}$

$4x^{5} \times y^{5}(x^{(-1)} \times y^{3})^{3}$

$4x^{2}y^{14}$

$\frac{4x^{4} \times y^{(-3)}(x^{5} \times y^{5})^{4}}{4 \times y^{(-3)}(x^{3})^{3}}$

$x^{15}y^{20}$

$7 \times y^{(-1)}x^{(-3)}(x^{(-3)})^{3}x^{3}(y^{3})^{2}$

$\frac{7y^{5}}{x^{9}}$

$\frac{6x^{9} \times y^{(-1)}(x^{(-1)} \times y^{(-1)})^{4}}{1 \times y^{(-2)}(x^{3})^{3}}$

$\frac{6}{x^{4}y^{3}}$

$2x^{(-3)} \times y^{(-3)}(x^{(-1)} \times y^{(-12)})^{6}$

$\frac{2}{x^{9}y^{75}}$

$2x^{4} \times y^{4}(x^{(-1)} \times y^{(-3)})^{2}$

$\frac{2x^{2}}{y^{2}}$