Simplifying Exponent Expressions(2 Variables)

Name: _____ Date: _____ Score: _____

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

$\frac{7x^{(-8)} \times y^{(-3)} (x^5 \times y^5)^2}{2 \times y^2 (x^3)^4}$

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

$4x^{(-5)} \times y^{(-5)} (x^6 \times y^{(-12)})^5$

$\frac{4x^{(-1)} \times y^6 (x^{(-1)} \times y^{(-1)})^2}{7 \times y^{(-2)} (x^3)^4}$

$5x^{(-4)} \times y^{(-4)} (x^2 \times y^6)^{(-2)}$

$5x^6 \times y^6 (x^{(-3)} \times y^6)^{(-1)}$

$7x^{(-6)} \times y^{(-6)} (x^6 \times y^3)^6$

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

$\frac{9x^3 \times y^4 (x^5 \times y^5)^{(-3)}}{2 \times y^{(-2)} (x^2)^4}$