Simplifying Exponent Expressions(2 Variables)

Name: _____ Date: _____ Score: _____

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

$5x^4 \times y^4(x^{(-3)} \times y^{(-2)})^{(-1)}$

$\dfrac{8x^6 \times y^2(x^5 \times y^5)^4}{5 \times y^{(-2)}(x^2)^3}$

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

$1 \times y^2x^3(x^4)^5x^{(-3)}(y^4)^5$

$5 \times y^4x^4(x^6)^{(-1)}x^2(y^{(-3)})^2$

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

$3x^{(-5)} \times y^{(-5)}(x^{(-1)} \times y^{(-12)})^6$

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

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