Förenkling av exponentuttryck (2 variabler)

namn: _____ Datum: _____ Poäng: _____

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

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

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

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

$9 \times y^4x^{(-6)}(x^6)^5x^{(-2)}(y^{(-3)})^4$

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

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

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

$8 \times y^{(-1)}x^{(-5)}(x^{(-1)})^{(-2)}x^3(y^3)^{(-2)}$

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