Simplification des expressions d'exposant

Nom: _____ Date: _____ Note: _____

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

$9x^3(x^6)^3x^{(-2)}$

$7x^{(-8)}(x^6)^{(-3)}$

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

$4x^{(-3)}(x^6)^6x^2$

$\frac{8x^4(x^4)^6}{6x^{(-3)}(x^3)^{(-3)}}$

$5x^8(x^3)^3x^{(-1)}$

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

$\frac{x^8(x^3)^6}{4x^{(-1)}(x^{(-2)})^{(-2)}}$

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

Simplification des expressions d'exposant

Nom: _____ Date: _____ Note: _____

$\dfrac{4x^5(x^4)^6}{2x^3(x^4)^4}$

$2x^{10}$

$9x^3(x^6)^3x^{(-2)}$

$9x^{19}$

$7x^{(-8)}(x^6)^{(-3)}$

$\dfrac{7}{x^{26}}$

$\dfrac{4x^6(x^3)^3}{x^{(-3)}(x^{(-2)})^{(-2)}}$

$4x^{14}$

$4x^{(-3)}(x^6)^6x^2$

$4x^{35}$

$\dfrac{8x^4(x^4)^6}{6x^{(-3)}(x^3)^{(-3)}}$

$\dfrac{4}{3}x^{40}$

$5x^8(x^3)^3x^{(-1)}$

$5x^{16}$

$\dfrac{9x^{(-4)}(x^{(-2)})^{(-3)}}{x^{(-3)}(x^{(-2)})^4}$

$9x^{13}$

$\dfrac{x^8(x^3)^6}{4x^{(-1)}(x^{(-2)})^{(-2)}}$

$\dfrac{x^{23}}{4}$

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

$\dfrac{3}{4}x^{10}$