



Simplification des expressions d'exposant

Nom: _____

Date: _____ Note: _____

$$7x^8(x^5)^{-1}x^{-3}$$

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

$$8x^6(x^{-2})^{(-1)}$$

$$4x^{(-3)}(x^4)^3x^{(-1)}$$

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

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

$$9x^5(x^6)^6$$

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

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

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



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$$7x^8(x^5)^{-1}x^{-3}$$

7

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

x^9

$$8x^6(x^{-2})^{-1}$$

$8x^8$

$$4x^{(-3)}(x^4)^3x^{(-1)}$$

$4x^8$

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

$2x^{30}$

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

$\frac{5}{6x^{20}}$

$$9x^5(x^6)^6$$

$9x^{41}$

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

$\frac{2}{5x^{20}}$

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

$\frac{2}{3x^{15}}$

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

$9x^8$