



Simplification des expressions d'exposant

Nom: _____

Date: _____ Note: _____

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

$$5x^8(x^{(-2)})^{(-2)}x^{(-3)}$$

$$x^{(-1)}(x^5)^{(-3)}x^{(-2)}$$

$$7x^{(-9)}(x^6)^4$$

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

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

$$x^{(-5)}(x^2)^6x^2$$

$$x^7(x^{(-2)})^{(-3)}$$

$$7x^{(-1)}(x^{(-2)})^6x^{(-1)}$$

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



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

$$5x^8(x^{(-2)})^{(-2)}x^{(-3)}$$
$$5x^9$$

$$x^{(-1)}(x^5)^{(-3)}x^{(-2)}$$
$$\frac{1}{x^{18}}$$

$$7x^{(-9)}(x^6)^4$$
$$7x^{15}$$

$$7x^{(-5)}(x^3)^3$$
$$7x^4$$

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

$$x^{(-5)}(x^2)^6x^2$$
$$x^9$$

$$x^7(x^{(-2)})^{(-3)}$$
$$x^{13}$$

$$7x^{(-1)}(x^{(-2)})^6x^{(-1)}$$
$$\frac{7}{x^{14}}$$

$$2x^3(x^5)^6x^{(-2)}$$
$$2x^{31}$$