

Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

$$9x^{(-1)}(x^{(-3)})^3x^3$$

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

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

$$9x^8(x^{(-3)})^6$$

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

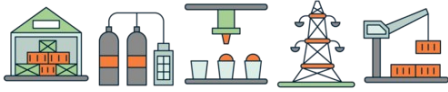
$$\frac{x^7(x^{(-3)})^{(-2)}}{8x^{(-3)}(x^3)^3}$$

$$4x^6(x^5)^4x^{(-1)}$$

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

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

$$\frac{8x^{(-8)}(x^5)^3}{7x^{(-3)}(x^{(-2)})^4}$$



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$$9x^{(-1)}(x^{(-3)})^3x^3$$

$$\frac{9}{x^7}$$

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

$$x^6$$

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

$$\frac{9}{x^4}$$

$$9x^8(x^{(-3)})^6$$

$$\frac{9}{x^{10}}$$

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

$$x^4$$

$$\frac{x^7(x^{(-3)})^{(-2)}}{8x^{(-3)}(x^3)^3}$$

$$\frac{x^7}{8}$$

$$4x^6(x^5)^4x^{(-1)}$$

$$4x^{25}$$

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

$$\frac{9}{2}x^{11}$$

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

$$4x^{13}$$

$$\frac{8x^{(-8)}(x^5)^3}{7x^{(-3)}(x^{(-2)})^4}$$

$$\frac{8}{7}x^{18}$$