

Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

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

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

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

$$x^2(x^2)^3x^3$$

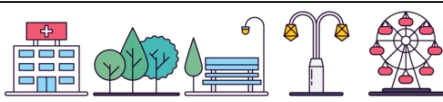
$$8x^2(x^{(-3)})^4x^{(-2)}$$

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

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

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

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



Simplifying Exponent Expressions

Name: _____

Date: _____ Score: _____

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

$$\frac{4x^{(-2)}(x^{(-3)})^3}{5x^3(x^3)^4}$$
$$\frac{4}{5x^{26}}$$

$$9x^{(-8)}(x^2)^2$$
$$\frac{9}{x^4}$$

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

$$x^2(x^2)^3x^3$$
$$x^{11}$$

$$8x^2(x^{(-3)})^4x^{(-2)}$$
$$\frac{8}{x^{12}}$$

$$9x^{(-2)}(x^6)^2$$
$$9x^{10}$$

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

$$9x^{(-2)}(x^3)^{(-1)}x^{(-1)}$$
$$\frac{9}{x^6}$$

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