



Упрощение выражений экспоненты (2  
переменные)

Имя: \_\_\_\_\_

Дата: \_\_\_\_\_ Оценка: \_\_\_\_\_

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

$$x^3 \times y^3(x^{(-1)} \times y^{(-3)})^2$$

$$7 \times y^3 x^3 (x^4)^{(-2)} x^{(-2)} (y^4)^3$$

$$5x^5 \times y^5 (x^5 \times y^{(-2)})^5$$

$$6x^{(-3)} \times y^{(-3)}(x^{(-1)} \times y^5)^{(-3)}$$

$$x^{(-5)} \times y^{(-5)}(x^{(-1)} \times y^3)^{(-3)}$$

$$9 \times y^5 x^{(-3)}(x^3)^{(-3)} x^{(-3)} (y^3)^3$$

$$1 \times y^{(-2)} x^{(-3)}(x^{(-1)})^{(-1)} x^3 (y^{(-3)})^{(-2)}$$

$$\frac{4x^8 \times y^2 (x^4 \times y^4)^5}{7 \times y^3 (x^{(-2)})^{(-1)}}$$

$$8 \times y^{(-2)} x^{(-1)} (x^5)^5 x^{(-2)} (y^3)^4$$



Упрощение выражений экспоненты (2  
переменные)

Имя: \_\_\_\_\_

Дата: \_\_\_\_\_ Оценка: \_\_\_\_\_

$$4x^{(-6)} \times y^{(-6)}(x^5 \times y^{(-2)})^3$$
$$\frac{4x^9}{y^{12}}$$

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

$$7 \times y^3 x^3 (x^4)^{(-2)} x^{(-2)} (y^4)^3$$
$$\frac{7y^{15}}{x^7}$$

$$5x^5 \times y^5 (x^5 \times y^{(-2)})^5$$
$$\frac{5x^{30}}{y^5}$$

$$6x^{(-3)} \times y^{(-3)}(x^{(-1)} \times y^5)^{(-3)}$$
$$\frac{6}{y^{18}}$$

$$x^{(-5)} \times y^{(-5)}(x^{(-1)} \times y^3)^{(-3)}$$
$$\frac{1}{x^2 y^{14}}$$

$$9 \times y^5 x^{(-3)}(x^3)^{(-3)} x^{(-3)} (y^3)^3$$
$$\frac{9y^{14}}{x^{15}}$$

$$1 \times y^{(-2)} x^{(-3)}(x^{(-1)})^{(-1)} x^3 (y^{(-3)})^{(-2)}$$
$$xy^4$$

$$\frac{4x^8 \times y^2 (x^4 \times y^4)^5}{7 \times y^3 (x^{(-2)})^{(-1)}}$$
$$\frac{4}{7} x^{26} y^{19}$$

$$8 \times y^{(-2)} x^{(-1)} (x^5)^5 x^{(-2)} (y^3)^4$$
$$8x^{22} y^{10}$$