



Упрощение выражений экспоненты (2  
переменные)

Имя: \_\_\_\_\_

Дата: \_\_\_\_\_ Оценка: \_\_\_\_\_

$$9 \times y^5 x^{(-5)} (x^4)^{(-2)} x^{(-2)} (y^4)^4$$

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

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

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

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

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

$$7 \times y^2 x^5 (x^6)^2 x^2 (y^{(-3)})^3$$

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

$$8 \times y^2 x^6 (x^4)^4 x^{(-3)} (y^{(-1)})^5$$

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



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$$9 \times y^5 x^{(-5)} (x^4)^{(-2)} x^{(-2)} (y^4)^4$$
$$\frac{9y^{21}}{x^{15}}$$

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

$$7 \times y^2 x^3 (x^3)^2 x^3 (y^3)^{(-2)}$$
$$\frac{7x^{12}}{y^4}$$

$$\frac{7x^4 \times y^2 (x^4 \times y^4)^{(-3)}}{2 \times y^2 (x^2)^{(-2)}}$$
$$\frac{7}{2x^4 y^{12}}$$

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

$$3 \times y^5 x^3 (x^4)^2 x^2 (y^{(-1)})^5$$
$$3x^{13}$$

$$7 \times y^2 x^5 (x^6)^2 x^2 (y^{(-3)})^3$$
$$\frac{7x^{19}}{y^7}$$

$$\frac{8x^5 \times y^{(-3)} (x^5 \times y^5)^{(-2)}}{7 \times y^{(-3)} (x^2)^4}$$
$$\frac{8}{7x^{13} y^{10}}$$

$$8 \times y^2 x^6 (x^4)^4 x^{(-3)} (y^{(-1)})^5$$
$$\frac{8x^{19}}{y^3}$$

$$\frac{7x^4 \times y^{(-4)} (x^4 \times y^4)^4}{4 \times y^2 (x^3)^{(-2)}}$$
$$\frac{7}{4} x^{26} y^{10}$$