



Упрощение выражений экспоненты (2
переменные)

Имя: _____

Дата: _____ Оценка: _____

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

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

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

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

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

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

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

$$2 \times y^4 x^3 (x^5)^3 x^3 (y^2)^4$$

$$7 \times y^3 x^6 (x^4)^{(-3)} x^{(-3)} (y^2)^{(-2)}$$

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



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

$$3x^{(-2)} \times y^{(-2)} (x^3 \times y^6)^{(-2)}$$
$$\frac{3}{x^8 y^{14}}$$

$$1 \times y^2 x^{(-3)} (x^6)^{(-3)} x^{(-1)} (y^{(-1)})^4$$
$$\frac{1}{x^{22} y^2}$$

$$3 \times y^{(-2)} x^{(-2)} (x^4)^5 x^3 (y^{(-1)})^{(-1)}$$
$$\frac{3x^{21}}{y}$$

$$\frac{5x^{(-7)} \times y^{(-4)} (x^{(-2)} \times y^{(-2)})^2}{3 \times y^2 (x^3)^2}$$
$$\frac{5}{3x^{17} y^{10}}$$

$$\frac{2x^{(-3)} \times y^{(-3)} (x^4 \times y^4)^{(-2)}}{8 \times y^{(-3)} (x^3)^4}$$
$$\frac{1}{4x^{23} y^8}$$

$$\frac{8x^{(-7)} \times y^3 (x^2 \times y^2)^3}{7 \times y^{(-3)} (x^4)^2}$$
$$\frac{8y^{12}}{7x^9}$$

$$2 \times y^4 x^3 (x^5)^3 x^3 (y^2)^4$$
$$2x^{21} y^{12}$$

$$7 \times y^3 x^6 (x^4)^{(-3)} x^{(-3)} (y^2)^{(-2)}$$
$$\frac{7}{x^9 y}$$

$$5 \times y^{(-3)} x^{(-1)} (x^{(-3)})^{(-3)} x^{(-2)} (y^{(-2)})^2$$
$$\frac{5x^6}{y^7}$$