



Упрощение выражений экспоненты (2
переменные)

Имя: _____

Дата: _____ Оценка: _____

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

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

$$9x^3 \times y^3(x^3 \times y^{(-3)})^4$$

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

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

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

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

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

$$\frac{4x^9 \times y^{(-4)}(x^5 \times y^5)^5}{1 \times y^{(-3)}(x^{(-2)})^2}$$

$$7 \times y^4x^{(-1)}(x^3)^{(-1)}x^3(y^3)^4$$



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$$3x^6 \times y^6(x^{-1}) \times y^{(-2)}(-1)$$
$$3x^7y^8$$

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

$$9x^3 \times y^3(x^3 \times y^{(-3)})^4$$
$$\frac{9x^{15}}{y^9}$$

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

$$\frac{2x^9 \times y^{(-3)}(x^3 \times y^3)^{(-2)}}{6 \times y^{(-2)}(x^4)^2}$$
$$\frac{1}{3x^5y^7}$$

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

$$8 \times y^5x^6(x^{(-3)})^6x^3(y^{(-1)})^5$$
$$\frac{8}{x^9}$$

$$3x^2 \times y^2(x^4 \times y^{(-3)})^4$$
$$\frac{3x^{18}}{y^{10}}$$

$$\frac{4x^9 \times y^{(-4)}(x^5 \times y^5)^5}{1 \times y^{(-3)}(x^{(-2)})^2}$$
$$4x^{38}y^{24}$$

$$7 \times y^4x^{(-1)}(x^3)^{(-1)}x^3(y^3)^4$$
$$\frac{7y^{16}}{x}$$