



Упрощение выражений экспоненты (2 переменные)

Имя: _____

Дата: _____ Оценка: _____

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

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

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

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

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

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

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

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

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

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



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$$\frac{5x^{(-3)} \times y^4(x^4 \times y^4)^{(-3)}}{2 \times y^2(x^2)^2}$$
$$\frac{5}{2x^{19}y^{10}}$$

$$\frac{7x^6 \times y^3(x^4 \times y^4)^5}{2 \times y^{(-1)}(x^{(-1)})^2}$$
$$\frac{7}{2}x^{28}y^{24}$$

$$5x^3 \times y^3(x^{(-3)} \times y^3)^6$$
$$\frac{5y^{21}}{x^{15}}$$

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

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

$$\frac{4x^{(-9)} \times y^2(x^4 \times y^4)^3}{4 \times y^3(x^2)^{(-2)}}$$
$$x^7y^{11}$$

$$\frac{7x^3 \times y^3(x^2 \times y^2)^5}{9 \times y^{(-2)}(x^4)^2}$$
$$\frac{7}{9}x^5y^{15}$$

$$3x^{(-4)} \times y^{(-4)}(x^3 \times y^5)^{(-3)}$$
$$\frac{3}{x^{13}y^{19}}$$

$$8 \times y^3x^2(x^{(-2)})^6x^3(y^{(-1)})^5$$
$$\frac{8}{x^7y^2}$$

$$2x^{(-1)} \times y^{(-1)}(x^{(-3)} \times y^{(-2)})^6$$
$$\frac{2}{x^{19}y^{13}}$$