



Упрощение выражений экспоненты (2
переменные)

Имя: _____

Дата: _____ Оценка: _____

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

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

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

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

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

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

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

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

$$8x^3 \times y^3 (x^6 \times y^3)^6$$

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



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$$9 \times y^3 x^{(-6)} (x^3)^{(-2)} x^{(-1)} (y^2)^3$$
$$\frac{9y^9}{x^{13}}$$

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

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

$$1 \times y^5 x^{(-6)} (x^5)^4 x^{(-2)} (y^{(-3)})^{(-1)}$$
$$x^{12} y^8$$

$$\frac{x^{(-1)} \times y^{(-2)} (x^3 \times y^3)^5}{6 \times y^{(-2)} (x^{(-1)})^{(-2)}}$$
$$\frac{1}{6} x^{12} y^{15}$$

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

$$5x^{(-3)} \times y^{(-3)} (x^6 \times y^5)^6$$
$$5x^{33} y^{27}$$

$$x^{(-3)} \times y^{(-3)} (x^6 \times y^3)^6$$
$$x^{33} y^{15}$$

$$8x^3 \times y^3 (x^6 \times y^3)^6$$
$$8x^{39} y^{21}$$

$$x^3 \times y^3 (x^6 \times y^{(-3)})^4$$
$$\frac{x^{27}}{y^9}$$