



Espressioni esponenziali semplificate (2 variabili)

Nome: _____

Data: _____ Punteggio: _____

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

$$2x^{(-1)} \times y^{(-1)} (x^3 \times y^{(-12)})^{(-3)}$$

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

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

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

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

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

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

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

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



Nome: _____

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

$$2x^{(-1)} \times y^{(-1)} (x^3 \times y^{(-12)})^{(-3)}$$
$$\frac{2y^{35}}{x^{10}}$$

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

$$x^5 \times y^5 (x^{(-1)} \times y^6)^4$$
$$xy^{29}$$

$$5 \times y^4 x^4 (x^{(-3)})^{(-3)} x^{(-1)} (y^2)^3$$
$$5x^{12} y^{10}$$

$$\frac{4x^9 \times y^6 (x^3 \times y^3)^5}{3 \times y^2 (x^3)^3}$$
$$\frac{4}{3} x^{15} y^{19}$$

$$\frac{x^{(-6)} \times y^{(-6)} (x^5 \times y^5)^5}{8 \times y^2 (x^2)^3}$$
$$\frac{1}{8} x^{13} y^{17}$$

$$\frac{x^9 \times y^{(-5)} (x^{(-2)} \times y^{(-2)})^4}{2 \times y^{(-3)} (x^4)^{(-2)}}$$
$$\frac{x^9}{2y^{10}}$$

$$9x^6 \times y^6 (x^5 \times y^{(-3)})^{(-3)}$$
$$\frac{9y^{15}}{x^9}$$

$$\frac{3x^6 \times y^5 (x^6 \times y^6)^3}{3 \times y^2 (x^4)^{(-2)}}$$
$$x^{32} y^{21}$$