



namn: _____

Datum: _____ Poäng: _____

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

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

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

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

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

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

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

$$\frac{9x^2 \times y^5 (x^{(-2)} \times y^{(-2)})^{(-2)}}{8 \times y^2 (x^4)^2}$$

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

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



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

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

$$9 \times y^4x^5(x^{(-2)})^{(-1)}x^3(y^4)^4 = 9x^{10}y^{20}$$

$$7x^6 \times y^6(x^2 \times y^{(-3)})^{(-3)} = 7y^{15}$$

$$4 \times y^5x^{(-4)}(x^{(-3)})^5x^2(y^2)^2 = \frac{4y^9}{x^{17}}$$

$$\frac{5x^{(-4)} \times y^6(x^5 \times y^5)^2}{3 \times y^{(-1)}(x^{(-2)})^{(-2)}} = \frac{5}{3}x^2y^{17}$$

$$\frac{6x^{(-4)} \times y^{(-4)}(x^3 \times y^3)^{(-2)}}{7 \times y^2(x^4)^2} = \frac{6}{7x^{18}y^{12}}$$

$$\frac{9x^2 \times y^5(x^{(-2)} \times y^{(-2)})^{(-2)}}{8 \times y^2(x^4)^2} = \frac{9y^7}{8x^2}$$

$$3x^{(-4)} \times y^{(-4)}(x^2 \times y^6)^3 = 3x^2y^{14}$$

$$4 \times y^{(-1)}x^6(x^2)^5x^3(y^{(-3)})^3 = \frac{4x^{19}}{y^{10}}$$