



姓名: _____

日期: _____ 分數: _____

$$x^5 \times y^5 (x^{(-2)} \times y^{(-12)})^5$$

$$\frac{9x^{(-4)} \times y^{(-4)} (x^{(-2)} \times y^{(-2)})^{(-3)}}{8 \times y^{(-3)} (x^{(-2)})^3}$$

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

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

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

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

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

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

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

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



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$$\frac{x^5 \times y^5 (x^{(-2)} \times y^{(-12)})^5}{x^5 y^{55}}$$

$$\frac{9x^{(-4)} \times y^{(-4)} (x^{(-2)} \times y^{(-2)})^{(-3)}}{8 \times y^{(-3)} (x^{(-2)})^3} = \frac{9}{8} x^8 y^5$$

$$\frac{5x^{(-5)} \times y^{(-3)} (x^4 \times y^4)^{(-3)}}{5 \times y^{(-3)} (x^{(-1)})^3} = \frac{1}{x^{14} y^{12}}$$

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

$$\frac{9x^{(-2)} \times y^{(-3)} (x^5 \times y^5)^{(-2)}}{2 \times y^3 (x^{(-1)})^3} = \frac{9}{2x^9 y^{16}}$$

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

$$6 \times y^2 x^{(-1)} (x^3)^{(-2)} x^2 (y^4)^3 = \frac{6y^{14}}{x^5}$$

$$5x^2 \times y^2 (x^{(-3)} \times y^5)^4 = \frac{5y^{22}}{x^{10}}$$

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

$$\frac{9x^{(-2)} \times y^{(-1)} (x^4 \times y^4)^5}{2 \times y^{(-1)} (x^4)^{(-1)}} = \frac{9}{2} x^{22} y^{20}$$