



Simplification des exposants de fractions
(multiplication)

Nom: _____

Date: _____ Note: _____

$$\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^9$$

$$\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-4}$$

$$\left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^{-2}$$

$$\left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)^{-9}$$

$$\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-9}$$

$$\left(\frac{3}{7}\right)^{-8} \cdot \left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-5}$$

$$\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{11}$$

$$\left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^{11}$$

$$\left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^2$$

$$\left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)$$

$$\left(\frac{3}{5}\right)^{-4} \cdot \left(\frac{3}{5}\right)^4$$

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)$$

$$\left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^6$$

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^9$$

$$\left(\frac{4}{9}\right)^6 \cdot \left(\frac{4}{9}\right)^2$$



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$$\left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^{-1}$$

$$\left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^{-4}$$
$$\left(\frac{2}{7}\right)$$

$$\left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^{-2}$$
$$\left(\frac{3}{7}\right)^8$$

$$\left(\frac{2}{9}\right)^{-1} \cdot \left(\frac{2}{9}\right)^{-9}$$
$$\left(\frac{2}{9}\right)^{-10}$$

$$\left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^{-9}$$
$$\left(\frac{2}{7}\right)^{-18}$$

$$\left(\frac{3}{7}\right)^{-8} \cdot \left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-5}$$
$$\left(\frac{3}{7}\right)^{-6}$$

$$\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^{11}$$
$$\left(\frac{1}{7}\right)^6$$

$$\left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^{-5} \cdot \left(\frac{3}{5}\right)^{11}$$
$$\left(\frac{3}{5}\right)^{17}$$

$$\left(\frac{2}{7}\right)^{-2} \cdot \left(\frac{2}{7}\right)^2$$
$$\left(\frac{2}{7}\right)^0$$

$$\left(\frac{3}{5}\right)^{-9} \cdot \left(\frac{3}{5}\right)$$
$$\left(\frac{3}{5}\right)^{-8}$$

$$\left(\frac{3}{5}\right)^{-4} \cdot \left(\frac{3}{5}\right)^4$$
$$\left(\frac{3}{5}\right)^0$$

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)$$
$$\left(\frac{4}{9}\right)^{-6}$$

$$\left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^6$$
$$\left(\frac{3}{5}\right)^{27}$$

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^{23}$$

$$\left(\frac{4}{9}\right)^6 \cdot \left(\frac{4}{9}\right)^2$$
$$\left(\frac{4}{9}\right)^8$$