



भिन्न घातांक को सरल बनाना (गुणा)

नाम: _____

दिनांक: _____ स्कोर: _____

$$\left(\frac{3}{7}\right)^{-7} \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^9$$

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

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

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

$$\left(\frac{2}{5}\right)^7 \cdot \left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right)$$

$$\left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{10}$$

$$\left(\frac{4}{7}\right)^{11} \cdot \left(\frac{4}{7}\right)^{-8}$$

$$\left(\frac{1}{5}\right)^{-3} \cdot \left(\frac{1}{5}\right)^{-3}$$

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^8$$

$$\left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^3$$

$$\left(\frac{2}{3}\right)^3 \cdot \left(\frac{2}{3}\right)^{-4} \cdot \left(\frac{2}{3}\right)^9$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right) \cdot \left(\frac{3}{8}\right)^{-7}$$

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)$$

$$\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^9 \cdot \left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right)^{-7}$$

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)$$



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$$\left(\frac{3}{7}\right)^{-7} \cdot \left(\frac{3}{7}\right)^2 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^9$$
$$\left(\frac{3}{7}\right)^{-5}$$

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

$$\left(\frac{1}{3}\right)^3 \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{10} \cdot \left(\frac{1}{3}\right)^3$$
$$\left(\frac{1}{3}\right)^{20}$$

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

$$\left(\frac{2}{5}\right)^7 \cdot \left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right)$$
$$\left(\frac{2}{5}\right)^{12}$$

$$\left(\frac{1}{6}\right)^{-6} \cdot \left(\frac{1}{6}\right)^{10}$$
$$\left(\frac{1}{6}\right)^4$$

$$\left(\frac{4}{7}\right)^{11} \cdot \left(\frac{4}{7}\right)^{-8}$$
$$\left(\frac{4}{7}\right)^3$$

$$\left(\frac{1}{5}\right)^{-3} \cdot \left(\frac{1}{5}\right)^{-3}$$
$$\left(\frac{1}{5}\right)^{-6}$$

$$\left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{-6}$$

$$\left(\frac{2}{5}\right)^{10} \cdot \left(\frac{2}{5}\right)^{-2} \cdot \left(\frac{2}{5}\right)^3$$
$$\left(\frac{2}{5}\right)^{11}$$

$$\left(\frac{2}{3}\right)^3 \cdot \left(\frac{2}{3}\right)^{-4} \cdot \left(\frac{2}{3}\right)^9$$
$$\left(\frac{2}{3}\right)^8$$

$$\left(\frac{3}{8}\right)^9 \cdot \left(\frac{3}{8}\right)^{11} \cdot \left(\frac{3}{8}\right) \cdot \left(\frac{3}{8}\right)^{-7}$$
$$\left(\frac{3}{8}\right)^{14}$$

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)$$
$$\left(\frac{4}{9}\right)^5$$

$$\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^9 \cdot \left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right)^{-7}$$
$$\left(\frac{1}{9}\right)^{16}$$

$$\left(\frac{1}{6}\right)^{-1} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)$$
$$\left(\frac{1}{6}\right)^{-8}$$