



भिन्न घातांक को सरल बनाना (गुणा)

नाम: \_\_\_\_\_

दिनांक: \_\_\_\_\_ स्कोर: \_\_\_\_\_

$$\left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-4}$$

$$\left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^{-4}$$

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^{-8}$$

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

$$\left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^3$$

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

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^{-5}$$

$$\left(\frac{2}{3}\right)^{-5} \cdot \left(\frac{2}{3}\right)^{-6}$$

$$\left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^{-1}$$

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

$$\left(\frac{1}{7}\right)^{-10} \cdot \left(\frac{1}{7}\right)^{-7}$$

$$\left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^8$$

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

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

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^8$$



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नाम: \_\_\_\_\_

दिनांक: \_\_\_\_\_ स्कोर: \_\_\_\_\_

$$\left(\frac{1}{4}\right)^{10} \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-4}$$
$$\left(\frac{1}{4}\right)^{14}$$

$$\left(\frac{1}{5}\right)^{-2} \cdot \left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^{-4}$$
$$\left(\frac{1}{5}\right)$$

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^{-8}$$
$$\left(\frac{1}{4}\right)^{-7}$$

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

$$\left(\frac{2}{5}\right) \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^5 \cdot \left(\frac{2}{5}\right)^3$$
$$\left(\frac{2}{5}\right)$$

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

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^{-5}$$
$$\left(\frac{1}{3}\right)^{-11}$$

$$\left(\frac{2}{3}\right)^{-5} \cdot \left(\frac{2}{3}\right)^{-6}$$
$$\left(\frac{2}{3}\right)^{-11}$$

$$\left(\frac{2}{5}\right)^6 \cdot \left(\frac{2}{5}\right)^{-1}$$
$$\left(\frac{2}{5}\right)^5$$

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

$$\left(\frac{1}{7}\right)^{-10} \cdot \left(\frac{1}{7}\right)^{-7}$$
$$\left(\frac{1}{7}\right)^{-17}$$

$$\left(\frac{1}{3}\right)^2 \cdot \left(\frac{1}{3}\right)^8$$
$$\left(\frac{1}{3}\right)^{10}$$

$$\left(\frac{3}{8}\right)^{-7} \cdot \left(\frac{3}{8}\right)^{-6} \cdot \left(\frac{3}{8}\right)^{-1} \cdot \left(\frac{3}{8}\right)^3$$
$$\left(\frac{3}{8}\right)^{-11}$$

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

$$\left(\frac{4}{9}\right)^{10} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^8$$
$$\left(\frac{4}{9}\right)^{27}$$