



भिन्न घातांक को सरल बनाना (गुणा)

नाम: _____

दिनांक: _____ स्कोर: _____

$$\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^5$$

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

$$\left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-4} \cdot \left(\frac{1}{8}\right)^{-3}$$

$$\left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^8$$

$$\left(\frac{1}{4}\right)^9 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-10}$$

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

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^{-6}$$

$$\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^5$$

$$\left(\frac{3}{8}\right)^{10} \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^{-2}$$

$$\left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)^{-9}$$

$$\left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^3$$

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{10}$$

$$\left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{-3}$$

$$\left(\frac{1}{4}\right)^{-10} \cdot \left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^{-2}$$

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



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$$\left(\frac{2}{7}\right)^{-10} \cdot \left(\frac{2}{7}\right)^4 \cdot \left(\frac{2}{7}\right)^5$$
$$\left(\frac{2}{7}\right)^{-1}$$

$$\left(\frac{3}{8}\right)^{-7} \cdot \left(\frac{3}{8}\right)^{-10} \cdot \left(\frac{3}{8}\right) \cdot \left(\frac{3}{8}\right)^{-2}$$
$$\left(\frac{3}{8}\right)^{-18}$$

$$\left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-4} \cdot \left(\frac{1}{8}\right)^{-3}$$
$$\left(\frac{1}{8}\right)^0$$

$$\left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^8$$
$$\left(\frac{1}{5}\right)^8$$

$$\left(\frac{1}{4}\right)^9 \cdot \left(\frac{1}{4}\right)^8 \cdot \left(\frac{1}{4}\right)^{-10}$$
$$\left(\frac{1}{4}\right)^7$$

$$\left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^5 \cdot \left(\frac{3}{8}\right)^7$$
$$\left(\frac{3}{8}\right)^{15}$$

$$\left(\frac{1}{4}\right)^{-3} \cdot \left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^{-6}$$
$$\left(\frac{1}{4}\right)^{-7}$$

$$\left(\frac{3}{8}\right)^{-2} \cdot \left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^5$$
$$\left(\frac{3}{8}\right)^{10}$$

$$\left(\frac{3}{8}\right)^{10} \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^{-2}$$
$$\left(\frac{3}{8}\right)^7$$

$$\left(\frac{1}{6}\right)^{-3} \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)^{-9}$$
$$\left(\frac{1}{6}\right)^{-10}$$

$$\left(\frac{3}{7}\right)^{10} \cdot \left(\frac{3}{7}\right)^9 \cdot \left(\frac{3}{7}\right)^3$$
$$\left(\frac{3}{7}\right)^{22}$$

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^6 \cdot \left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{10}$$
$$\left(\frac{1}{5}\right)^{-2}$$

$$\left(\frac{4}{5}\right)^{-4} \cdot \left(\frac{4}{5}\right)^{-7} \cdot \left(\frac{4}{5}\right)^{-3}$$
$$\left(\frac{4}{5}\right)^{-14}$$

$$\left(\frac{1}{4}\right)^{-10} \cdot \left(\frac{1}{4}\right)^2 \cdot \left(\frac{1}{4}\right)^{-2}$$
$$\left(\frac{1}{4}\right)^{-10}$$

$$\left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right)^{-1}$$
$$\left(\frac{2}{7}\right)^{-6}$$