



भिन्न घातांक को सरल बनाना (गुणा)

नाम: _____

दिनांक: _____ स्कोर: _____

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

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

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

$$\left(\frac{3}{5}\right)^{-2} \cdot \left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{-9}$$

$$\left(\frac{1}{9}\right)^9 \cdot \left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-4}$$

$$\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^{11}$$

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

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

$$\left(\frac{4}{7}\right)^3 \cdot \left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^{-5} \cdot \left(\frac{4}{7}\right)^{-8}$$

$$\left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-6} \cdot \left(\frac{2}{9}\right)^{-5}$$

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

$$\left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-1} \cdot \left(\frac{4}{5}\right)^2$$

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

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

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



नाम: _____

दिनांक: _____ स्कोर: _____

$$\left(\frac{2}{3}\right)^7 \cdot \left(\frac{2}{3}\right)^2 \cdot \left(\frac{2}{3}\right)^{11} \cdot \left(\frac{2}{3}\right)^7$$
$$\left(\frac{2}{3}\right)^{27}$$

$$\left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^9$$
$$\left(\frac{1}{3}\right)^5$$

$$\left(\frac{1}{6}\right)^7 \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)^7 \cdot \left(\frac{1}{6}\right)^3$$
$$\left(\frac{1}{6}\right)^{19}$$

$$\left(\frac{3}{5}\right)^{-2} \cdot \left(\frac{3}{5}\right)^{11} \cdot \left(\frac{3}{5}\right)^{-1} \cdot \left(\frac{3}{5}\right)^{-9}$$
$$\left(\frac{3}{5}\right)^{-1}$$

$$\left(\frac{1}{9}\right)^9 \cdot \left(\frac{1}{9}\right)^{11} \cdot \left(\frac{1}{9}\right)^{-5} \cdot \left(\frac{1}{9}\right)^{-4}$$
$$\left(\frac{1}{9}\right)^{11}$$

$$\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^{11}$$
$$\left(\frac{1}{8}\right)$$

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

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right)^{-6}$$
$$\left(\frac{1}{3}\right)^5$$

$$\left(\frac{4}{7}\right)^3 \cdot \left(\frac{4}{7}\right)^{-6} \cdot \left(\frac{4}{7}\right)^{-5} \cdot \left(\frac{4}{7}\right)^{-8}$$
$$\left(\frac{4}{7}\right)^{-16}$$

$$\left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-6} \cdot \left(\frac{2}{9}\right)^{-5}$$
$$\left(\frac{2}{9}\right)^{-10}$$

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

$$\left(\frac{4}{5}\right)^6 \cdot \left(\frac{4}{5}\right)^{-1} \cdot \left(\frac{4}{5}\right)^2$$
$$\left(\frac{4}{5}\right)^7$$

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

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

$$\left(\frac{3}{5}\right)^4 \cdot \left(\frac{3}{5}\right)^{10} \cdot \left(\frac{3}{5}\right)^2 \cdot \left(\frac{3}{5}\right)^{-7}$$
$$\left(\frac{3}{5}\right)^9$$