



भिन्न घातांक को सरल बनाना (गुणा)

नाम: \_\_\_\_\_

दिनांक: \_\_\_\_\_ स्कोर: \_\_\_\_\_

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

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-10} \cdot \left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-3}$$

$$\left(\frac{1}{6}\right)^4 \cdot \left(\frac{1}{6}\right)^{-9}$$

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

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

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

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

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

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

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

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

$$\left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^6$$

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

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

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



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नाम: \_\_\_\_\_

दिनांक: \_\_\_\_\_ स्कोर: \_\_\_\_\_

$$\left(\frac{1}{8}\right)^{-4} \cdot \left(\frac{1}{8}\right)^9$$
$$\left(\frac{1}{8}\right)^5$$

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-10} \cdot \left(\frac{3}{7}\right)^7 \cdot \left(\frac{3}{7}\right)^{-3}$$
$$\left(\frac{3}{7}\right)^5$$

$$\left(\frac{1}{6}\right)^4 \cdot \left(\frac{1}{6}\right)^{-9}$$
$$\left(\frac{1}{6}\right)^{-5}$$

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

$$\left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-3} \cdot \left(\frac{1}{5}\right)^5$$
$$\left(\frac{1}{5}\right)^{-16}$$

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

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

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

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

$$\left(\frac{1}{9}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-10}$$
$$\left(\frac{1}{9}\right)^{-11}$$

$$\left(\frac{2}{7}\right)^7 \cdot \left(\frac{2}{7}\right)^{-4} \cdot \left(\frac{2}{7}\right)^{-9}$$
$$\left(\frac{2}{7}\right)^{-6}$$

$$\left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^6$$
$$\left(\frac{1}{3}\right)^{-8}$$

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

$$\left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{-2} \cdot \left(\frac{1}{6}\right)$$
$$\left(\frac{1}{6}\right)^{-15}$$

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