



भिन्न घातांक को सरल बनाना (गुणा)

नाम: \_\_\_\_\_

दिनांक: \_\_\_\_\_ स्कोर: \_\_\_\_\_

$$\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-7}$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{-6}$$

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^2$$

$$\left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10}$$

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

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

$$\left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-6}$$

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

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

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

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

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

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

$$\left(\frac{3}{7}\right)^5 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-1}$$

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



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$$\left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^{10} \cdot \left(\frac{1}{2}\right)^{-7}$$
$$\left(\frac{1}{2}\right)^{-1}$$

$$\left(\frac{1}{3}\right)^{11} \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^{-9} \cdot \left(\frac{1}{3}\right)^{-6}$$
$$\left(\frac{1}{3}\right)^{-3}$$

$$\left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right) \cdot \left(\frac{1}{3}\right)^5 \cdot \left(\frac{1}{3}\right)^2$$
$$\left(\frac{1}{3}\right)^{12}$$

$$\left(\frac{1}{3}\right)^7 \cdot \left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-10}$$
$$\left(\frac{1}{3}\right)^{-7}$$

$$\left(\frac{3}{7}\right)^{-5} \cdot \left(\frac{3}{7}\right)^{-8}$$
$$\left(\frac{3}{7}\right)^{-13}$$

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

$$\left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-6}$$
$$\left(\frac{1}{2}\right)^{-29}$$

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

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

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

$$\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^{-8}$$
$$\left(\frac{1}{8}\right)^{-15}$$

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-10}$$
$$\left(\frac{4}{9}\right)^{-18}$$

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

$$\left(\frac{3}{7}\right)^5 \cdot \left(\frac{3}{7}\right)^{-9} \cdot \left(\frac{3}{7}\right)^{-1}$$
$$\left(\frac{3}{7}\right)^{-5}$$

$$\left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^4 \cdot \left(\frac{1}{3}\right)^{-5}$$
$$\left(\frac{1}{3}\right)^{-6}$$