



## Förenkling av fraktionsexponenter (multiplikation)

namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

$$\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-6}$$

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

$$\left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-7}$$

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

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

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-1}$$

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

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

$$\left(\frac{3}{5}\right)^{-2} \cdot \left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^5 \cdot \left(\frac{3}{5}\right)^7$$

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

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

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

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

$$\left(\frac{1}{6}\right)^{-2} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^4 \cdot \left(\frac{1}{6}\right)^{-1}$$



namn: \_\_\_\_\_

Datum: \_\_\_\_\_ Poäng: \_\_\_\_\_

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

$$\left(\frac{2}{7}\right)^9 \cdot \left(\frac{2}{7}\right)^{-8} \cdot \left(\frac{2}{7}\right)^{-6}$$
$$\left(\frac{2}{7}\right)^{-5}$$

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

$$\left(\frac{1}{6}\right)^8 \cdot \left(\frac{1}{6}\right)^{10} \cdot \left(\frac{1}{6}\right)^{-7}$$
$$\left(\frac{1}{6}\right)^{11}$$

$$\left(\frac{4}{9}\right)^5 \cdot \left(\frac{4}{9}\right)^7$$
$$\left(\frac{4}{9}\right)^{12}$$

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

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^9 \cdot \left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^{-1}$$
$$\left(\frac{4}{9}\right)^{12}$$

$$\left(\frac{4}{7}\right)^{-9} \cdot \left(\frac{4}{7}\right)^3$$
$$\left(\frac{4}{7}\right)^{-6}$$

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

$$\left(\frac{3}{5}\right)^{-2} \cdot \left(\frac{3}{5}\right)^{-6} \cdot \left(\frac{3}{5}\right)^5 \cdot \left(\frac{3}{5}\right)^7$$
$$\left(\frac{3}{5}\right)^4$$

$$\left(\frac{1}{2}\right)^{-8} \cdot \left(\frac{1}{2}\right)^{-8}$$
$$\left(\frac{1}{2}\right)^{-16}$$

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

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

$$\left(\frac{3}{8}\right)^7 \cdot \left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{-6} \cdot \left(\frac{3}{8}\right)^6$$
$$\left(\frac{3}{8}\right)^{10}$$

$$\left(\frac{1}{6}\right)^{-2} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^4 \cdot \left(\frac{1}{6}\right)^{-1}$$
$$\left(\frac{1}{6}\right)^{10}$$