



Navn: \_\_\_\_\_

Dato: \_\_\_\_\_ Score: \_\_\_\_\_

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

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-8}$$

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

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

$$\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right) \cdot \left(\frac{2}{7}\right)^5$$

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

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

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

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-1} \cdot \left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^9$$

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

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

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

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-10}$$

$$\left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^{-5}$$

$$\left(\frac{4}{9}\right)^8 \cdot \left(\frac{4}{9}\right)^{-6} \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-1}$$



## Forenkling af brøkeksponenter (multiplikation)

Navn: \_\_\_\_\_

Dato: \_\_\_\_\_ Score: \_\_\_\_\_

$$\left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^7 \cdot \left(\frac{1}{5}\right)^{-5} \cdot \left(\frac{1}{5}\right)^{-6}$$
$$\left(\frac{1}{5}\right)^{-10}$$

$$\left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{11} \cdot \left(\frac{3}{7}\right)^{-8}$$
$$\left(\frac{3}{7}\right)^{14}$$

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

$$\left(\frac{2}{7}\right)^{-6} \cdot \left(\frac{2}{7}\right)^{-3}$$
$$\left(\frac{2}{7}\right)^{-9}$$

$$\left(\frac{2}{7}\right)^{11} \cdot \left(\frac{2}{7}\right)^{-5} \cdot \left(\frac{2}{7}\right) \cdot \left(\frac{2}{7}\right)^5$$
$$\left(\frac{2}{7}\right)^{12}$$

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

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

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

$$\left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^{-1} \cdot \left(\frac{4}{9}\right)^{-8} \cdot \left(\frac{4}{9}\right)^9$$
$$\left(\frac{4}{9}\right)^{-2}$$

$$\left(\frac{4}{7}\right)^{-2} \cdot \left(\frac{4}{7}\right)^{-9}$$
$$\left(\frac{4}{7}\right)^{-11}$$

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

$$\left(\frac{4}{9}\right)^{-7} \cdot \left(\frac{4}{9}\right)^6$$
$$\left(\frac{4}{9}\right)^{-1}$$

$$\left(\frac{4}{9}\right)^{11} \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-10}$$
$$\left(\frac{4}{9}\right)^{-2}$$

$$\left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^{-5}$$
$$\left(\frac{1}{2}\right)^8$$

$$\left(\frac{4}{9}\right)^8 \cdot \left(\frac{4}{9}\right)^{-6} \cdot \left(\frac{4}{9}\right)^{-3} \cdot \left(\frac{4}{9}\right)^{-1}$$
$$\left(\frac{4}{9}\right)^{-2}$$