



Forenkling av brøkeksponenter (multiplikasjon)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

$$\left(\frac{4}{5}\right)^{-8} \cdot \left(\frac{4}{5}\right)^7 \cdot \left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^6$$

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

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

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

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

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

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

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

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

$$\left(\frac{1}{3}\right)^8 \cdot \left(\frac{1}{3}\right)^9 \cdot \left(\frac{1}{3}\right)^{-7} \cdot \left(\frac{1}{3}\right)^7$$

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

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

$$\left(\frac{1}{5}\right)^{-10} \cdot \left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^{-6} \cdot \left(\frac{1}{5}\right)^{10}$$

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