



Forenkling av brøkeksponenter (multiplikasjon)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

$$\left(\frac{1}{8}\right) \cdot \left(\frac{1}{8}\right)^{-7} \cdot \left(\frac{1}{8}\right)^2 \cdot \left(\frac{1}{8}\right)^{11}$$

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

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

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

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

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

$$\left(\frac{2}{3}\right)^{10} \cdot \left(\frac{2}{3}\right)^6$$

$$\left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^{-7}$$

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

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

$$\left(\frac{2}{9}\right)^{-5} \cdot \left(\frac{2}{9}\right)^{-4} \cdot \left(\frac{2}{9}\right)^{-3} \cdot \left(\frac{2}{9}\right)^2$$

$$\left(\frac{1}{9}\right)^3 \cdot \left(\frac{1}{9}\right)^{-8} \cdot \left(\frac{1}{9}\right)^{10}$$