



## Forenkling av brøkeksponenter (multiplikasjon)

StudentName: \_\_\_\_\_

ExamDate: \_\_\_\_\_ ExamScore: \_\_\_\_\_

$$\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^9$$

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

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

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^{-10}$$

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

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

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

$$\left(\frac{1}{6}\right)^{-10} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{-9}$$

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

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

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

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

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

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

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