



Forenkling av brøkeksponenter (multiplikasjon)

StudentName: _____

ExamDate: _____ ExamScore: _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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$$\left(\frac{1}{7}\right)^{-2} \cdot \left(\frac{1}{7}\right)^{11} \cdot \left(\frac{1}{7}\right)^{-3} \cdot \left(\frac{1}{7}\right)^9$$
$$\left(\frac{1}{7}\right)^{15}$$

$$\left(\frac{1}{3}\right)^{-8} \cdot \left(\frac{1}{3}\right)^{-10} \cdot \left(\frac{1}{3}\right)^{-4} \cdot \left(\frac{1}{3}\right)^{-7}$$
$$\left(\frac{1}{3}\right)^{-29}$$

$$\left(\frac{2}{9}\right)^{-10} \cdot \left(\frac{2}{9}\right)^{-6}$$
$$\left(\frac{2}{9}\right)^{-16}$$

$$\left(\frac{1}{4}\right)^6 \cdot \left(\frac{1}{4}\right)^{-5} \cdot \left(\frac{1}{4}\right)^{-10}$$
$$\left(\frac{1}{4}\right)^{-9}$$

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

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

$$\left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^9 \cdot \left(\frac{1}{8}\right)^3$$
$$\left(\frac{1}{8}\right)^2$$

$$\left(\frac{1}{6}\right)^{-10} \cdot \left(\frac{1}{6}\right)^{-8} \cdot \left(\frac{1}{6}\right)^{-7} \cdot \left(\frac{1}{6}\right)^{-9}$$
$$\left(\frac{1}{6}\right)^{-34}$$

$$\left(\frac{2}{3}\right)^8 \cdot \left(\frac{2}{3}\right)^{-7} \cdot \left(\frac{2}{3}\right)^5$$
$$\left(\frac{2}{3}\right)^6$$

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

$$\left(\frac{3}{8}\right)^{-5} \cdot \left(\frac{3}{8}\right)^{-5}$$
$$\left(\frac{3}{8}\right)^{-10}$$

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

$$\left(\frac{4}{9}\right)^{-5} \cdot \left(\frac{4}{9}\right)^{-2} \cdot \left(\frac{4}{9}\right)^7$$
$$\left(\frac{4}{9}\right)^0$$

$$\left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^4 \cdot \left(\frac{1}{2}\right)^{-6}$$
$$\left(\frac{1}{2}\right)^{-5}$$

$$\left(\frac{2}{3}\right)^7 \cdot \left(\frac{2}{3}\right)^5 \cdot \left(\frac{2}{3}\right)$$
$$\left(\frac{2}{3}\right)^{13}$$