



Forenkling av brøkeksponenter (multiplikasjon)

StudentName: _____

ExamDate: _____ ExamScore: _____

$$\left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^4$$

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

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

$$\left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-7} \cdot \left(\frac{2}{3}\right)^{-10}$$

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

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{-7}$$

$$\left(\frac{1}{7}\right)^4 \cdot \left(\frac{1}{7}\right)^{11}$$

$$\left(\frac{4}{7}\right)^{-10} \cdot \left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^7 \cdot \left(\frac{4}{7}\right)^{-6}$$

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{11}$$

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

$$\left(\frac{2}{9}\right)^5 \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-9}$$

$$\left(\frac{1}{6}\right)^{-10} \cdot \left(\frac{1}{6}\right)^{-2}$$

$$\left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^3$$

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

$$\left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^4 \cdot \left(\frac{1}{7}\right)^3 \cdot \left(\frac{1}{7}\right)^{11}$$



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$$\left(\frac{2}{7}\right)^6 \cdot \left(\frac{2}{7}\right)^{-9} \cdot \left(\frac{2}{7}\right)^5 \cdot \left(\frac{2}{7}\right)^4$$
$$\left(\frac{2}{7}\right)^6$$

$$\left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{-5} \cdot \left(\frac{1}{3}\right)^{-2}$$
$$\left(\frac{1}{3}\right)^{-12}$$

$$\left(\frac{3}{8}\right)^6 \cdot \left(\frac{3}{8}\right)^5$$
$$\left(\frac{3}{8}\right)^{11}$$

$$\left(\frac{2}{3}\right)^6 \cdot \left(\frac{2}{3}\right)^{-7} \cdot \left(\frac{2}{3}\right)^{-10}$$
$$\left(\frac{2}{3}\right)^{-11}$$

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

$$\left(\frac{1}{2}\right)^5 \cdot \left(\frac{1}{2}\right)^9 \cdot \left(\frac{1}{2}\right)^7 \cdot \left(\frac{1}{2}\right)^{-7}$$
$$\left(\frac{1}{2}\right)^{14}$$

$$\left(\frac{1}{7}\right)^4 \cdot \left(\frac{1}{7}\right)^{11}$$
$$\left(\frac{1}{7}\right)^{15}$$

$$\left(\frac{4}{7}\right)^{-10} \cdot \left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^7 \cdot \left(\frac{4}{7}\right)^{-6}$$
$$\left(\frac{4}{7}\right)^{-8}$$

$$\left(\frac{1}{2}\right)^{-5} \cdot \left(\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{2}\right)^2 \cdot \left(\frac{1}{2}\right)^{11}$$
$$\left(\frac{1}{2}\right)^7$$

$$\left(\frac{1}{8}\right)^7 \cdot \left(\frac{1}{8}\right)^{-10} \cdot \left(\frac{1}{8}\right)^6$$
$$\left(\frac{1}{8}\right)^3$$

$$\left(\frac{2}{9}\right)^5 \cdot \left(\frac{2}{9}\right)^{11} \cdot \left(\frac{2}{9}\right)^{-9}$$
$$\left(\frac{2}{9}\right)^7$$

$$\left(\frac{1}{6}\right)^{-10} \cdot \left(\frac{1}{6}\right)^{-2}$$
$$\left(\frac{1}{6}\right)^{-12}$$

$$\left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^{-4} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^3$$
$$\left(\frac{1}{6}\right)^3$$

$$\left(\frac{3}{8}\right)^{-4} \cdot \left(\frac{3}{8}\right)^{-6}$$
$$\left(\frac{3}{8}\right)^{-10}$$

$$\left(\frac{1}{7}\right)^{10} \cdot \left(\frac{1}{7}\right)^4 \cdot \left(\frac{1}{7}\right)^3 \cdot \left(\frac{1}{7}\right)^{11}$$
$$\left(\frac{1}{7}\right)^{28}$$