



简化分数指数(除法乘法)

姓名: _____

日期: _____ 分数: _____

$$\frac{\left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^6}{\left(\frac{1}{2}\right)^{-9}}$$

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

$$\frac{\left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^2}{\left(\frac{1}{6}\right)^{11}}$$

$$\frac{\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^7 \cdot \left(\frac{1}{9}\right)^{-1}}{\left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^4}$$

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

$$\frac{\left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)^{10}}{\left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^{-2}}$$

$$\frac{\left(\frac{4}{7}\right)^{-4} \cdot \left(\frac{4}{7}\right)^2 \cdot \left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^{11}}{\left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^2}$$

$$\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^5$$

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

$$\frac{\left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{-10}}{\left(\frac{4}{7}\right)^{-7}}$$

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

$$\frac{\left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^9}{\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)^4}$$

$$\frac{\left(\frac{3}{8}\right)^2 \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{10}}{\left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{-4}}$$

$$\frac{\left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^8 \cdot \left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^{-3}}{\left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^6}$$

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{-4} \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)}$$



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$$\frac{\left(\frac{1}{2}\right)^{-6} \cdot \left(\frac{1}{2}\right)^{-3} \cdot \left(\frac{1}{2}\right)^6}{\left(\frac{1}{2}\right)^{-9}}$$

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

$$\frac{\left(\frac{4}{5}\right)^{-9} \cdot \left(\frac{4}{5}\right)^3 \cdot \left(\frac{4}{5}\right)^{-6}}{\left(\frac{4}{5}\right)^{-12}}$$

$$\frac{\left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^9 \cdot \left(\frac{1}{6}\right)^2}{\left(\frac{1}{6}\right)^{11}}$$

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

$$\frac{\left(\frac{1}{9}\right)^{-10} \cdot \left(\frac{1}{9}\right)^{-7} \cdot \left(\frac{1}{9}\right)^7 \cdot \left(\frac{1}{9}\right)^{-1}}{\left(\frac{1}{9}\right)^{-6} \cdot \left(\frac{1}{9}\right)^4}$$

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

$$\frac{\left(\frac{2}{5}\right)^{-1} \cdot \left(\frac{2}{5}\right)^{-10} \cdot \left(\frac{2}{5}\right)^{-5}}{\left(\frac{2}{5}\right)^{-16}}$$

$$\frac{\left(\frac{1}{5}\right)^8 \cdot \left(\frac{1}{5}\right)^{-9} \cdot \left(\frac{1}{5}\right)^{-7} \cdot \left(\frac{1}{5}\right)^{10}}{\left(\frac{1}{5}\right)^4 \cdot \left(\frac{1}{5}\right)^{-2}}$$

$$\left(\frac{1}{5}\right)^0$$

$$\frac{\left(\frac{4}{7}\right)^{-4} \cdot \left(\frac{4}{7}\right)^2 \cdot \left(\frac{4}{7}\right)^{10} \cdot \left(\frac{4}{7}\right)^{11}}{\left(\frac{4}{7}\right) \cdot \left(\frac{4}{7}\right)^2}$$

$$\left(\frac{4}{7}\right)^{16}$$

$$\frac{\left(\frac{1}{7}\right)^6 \cdot \left(\frac{1}{7}\right)^5 \cdot \left(\frac{1}{7}\right)^5}{\left(\frac{1}{7}\right)^{16}}$$

$$\frac{\left(\frac{1}{6}\right)^{-5} \cdot \left(\frac{1}{6}\right)^2 \cdot \left(\frac{1}{6}\right)^3}{\left(\frac{1}{6}\right)^0}$$

$$\frac{\left(\frac{4}{7}\right)^{-1} \cdot \left(\frac{4}{7}\right)^6 \cdot \left(\frac{4}{7}\right)^{-10}}{\left(\frac{4}{7}\right)^{-7}}$$

$$\left(\frac{4}{7}\right)^2$$

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

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

$$\frac{\left(\frac{1}{2}\right)^3 \cdot \left(\frac{1}{2}\right)^6 \cdot \left(\frac{1}{2}\right)^{-10} \cdot \left(\frac{1}{2}\right)^9}{\left(\frac{1}{2}\right) \cdot \left(\frac{1}{2}\right)^4}$$

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

$$\frac{\left(\frac{3}{8}\right)^2 \cdot \left(\frac{3}{8}\right)^4 \cdot \left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{10}}{\left(\frac{3}{8}\right)^3 \cdot \left(\frac{3}{8}\right)^{-4}}$$

$$\left(\frac{3}{8}\right)^{20}$$

$$\frac{\left(\frac{1}{8}\right)^4 \cdot \left(\frac{1}{8}\right)^8 \cdot \left(\frac{1}{8}\right)^{10} \cdot \left(\frac{1}{8}\right)^{-3}}{\left(\frac{1}{8}\right)^{-1} \cdot \left(\frac{1}{8}\right)^6}$$

$$\left(\frac{1}{8}\right)^{14}$$

$$\frac{\left(\frac{2}{5}\right)^8 \cdot \left(\frac{2}{5}\right)^{-4} \cdot \left(\frac{2}{5}\right)^{-8} \cdot \left(\frac{2}{5}\right)^{-8}}{\left(\frac{2}{5}\right)^{11} \cdot \left(\frac{2}{5}\right)}$$

$$\left(\frac{2}{5}\right)^{-24}$$