Missing Numerators and Denominators

Name: _____ Score: _____

Analyze and fill in the missing numerators or denominators.

$\left(\frac{\quad}{4}\right)^3 = \frac{1}{8}$ $\left(\frac{\quad}{6}\right)^2 = \frac{1}{4}$ $\left(\frac{4}{\quad}\right)^2 = \frac{4}{9}$

$\left(\frac{\quad}{8}\right)^2 = \frac{1}{16}$ $\left(\frac{2}{\quad}\right)^2 = \frac{4}{25}$ $\left(-\frac{1}{\quad}\right)^3 = -\frac{1}{27}$

$\left(\frac{1}{\quad}\right)^3 = \frac{1}{64}$ $\left(\frac{3}{\quad}\right)^3 = \frac{1}{8}$ $\left(\frac{2}{\quad}\right)^5 = \frac{1}{32}$

$\left(-\frac{1}{\quad}\right)^2 = \frac{1}{49}$ $\left(\frac{\quad}{9}\right)^2 = \frac{4}{81}$ $\left(\frac{3}{\quad}\right)^3 = \frac{27}{125}$

$\left(\frac{\quad}{7}\right)^2 = \frac{9}{49}$ $\left(-\frac{4}{\quad}\right)^3 = -\frac{1}{64}$ $\left(\frac{3}{\quad}\right)^2 = \frac{1}{9}$

$\left(\frac{\quad}{4}\right)^3 = \frac{1}{8}$ $\left(\frac{2}{\quad}\right)^5 = \frac{32}{243}$ $\left(-\frac{\quad}{5}\right)^2 = \frac{16}{25}$

$\left(\frac{9}{\quad}\right)^6 = \frac{1}{64}$ $\left(\frac{\quad}{5}\right)^4 = \frac{81}{625}$ $\left(\frac{1}{\quad}\right)^1 = \frac{1}{7}$

Answers

Analyze and fill in the missing numerators or denominators.

$\left(\frac{2}{4}\right)^{3} = \frac{1}{8}$ $\left(\frac{3}{6}\right)^{2} = \frac{1}{4}$ $\left(\frac{4}{6}\right)^{2} = \frac{4}{9}$

$\left(\frac{2}{8}\right)^{2} = \frac{1}{16}$ $\left(\frac{2}{5}\right)^{2} = \frac{4}{25}$ $\left(-\frac{1}{3}\right)^{3} = -\frac{1}{27}$

$\left(\frac{1}{4}\right)^{3} = \frac{1}{64}$ $\left(\frac{3}{6}\right)^{3} = \frac{1}{8}$ $\left(\frac{2}{4}\right)^{5} = \frac{1}{32}$

$\left(-\frac{1}{7}\right)^{2} = \frac{1}{49}$ $\left(\frac{2}{9}\right)^{2} = \frac{4}{81}$ $\left(\frac{3}{5}\right)^{3} = \frac{27}{125}$

$\left(\frac{3}{7}\right)^{2} = \frac{9}{49}$ $\left(-\frac{4}{16}\right)^{3} = -\frac{1}{64}$ $\left(\frac{3}{9}\right)^{2} = \frac{1}{9}$

$\left(\frac{2}{4}\right)^{3} = \frac{1}{8}$ $\left(\frac{2}{3}\right)^{5} = \frac{32}{243}$ $\left(-\frac{4}{5}\right)^{2} = \frac{16}{25}$

$\left(\frac{9}{18}\right)^{6} = \frac{1}{64}$ $\left(\frac{3}{5}\right)^{4} = \frac{81}{625}$ $\left(\frac{1}{7}\right)^{1} = \frac{1}{7}$