

Exponents of Fractions

Name: _____ Score: _____

Calculate and give your answers in the lowest possible terms.

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

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

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

$$\left(\frac{1}{5}\right)^2 =$$

$$\left(\frac{1}{5}\right)^3 =$$

$$\left(-\frac{1}{4}\right)^2 =$$

$$\left(\frac{1}{4}\right)^3 =$$

$$\left(\frac{1}{5}\right)^4 =$$

$$\left(\frac{1}{3}\right)^4 =$$

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

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

$$\left(\frac{4}{5}\right)^3 =$$

$$\left(\frac{1}{6}\right)^3 =$$

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

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

$$\left(\frac{2}{4}\right)^3 =$$

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

$$\left(-\frac{3}{9}\right)^2 =$$

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

$$\left(\frac{4}{9}\right)^3 =$$

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

Answers

Calculate and give your answers in the lowest possible terms.

$$\left(\frac{1}{2}\right)^2 = \frac{1}{4}$$

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

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

$$\left(\frac{1}{5}\right)^2 = \frac{1}{25}$$

$$\left(\frac{1}{5}\right)^3 = \frac{1}{125}$$

$$\left(-\frac{1}{4}\right)^2 = \frac{1}{16}$$

$$\left(\frac{1}{4}\right)^3 = \frac{1}{64}$$

$$\left(\frac{1}{5}\right)^4 = \frac{1}{625}$$

$$\left(\frac{1}{3}\right)^4 = \frac{1}{81}$$

$$\left(-\frac{1}{6}\right)^2 = \frac{1}{36}$$

$$\left(\frac{2}{5}\right)^2 = \frac{4}{25}$$

$$\left(\frac{4}{5}\right)^3 = \frac{64}{125}$$

$$\left(\frac{1}{6}\right)^3 = \frac{1}{216}$$

$$\left(-\frac{2}{3}\right)^3 = -\frac{8}{27}$$

$$\left(\frac{2}{7}\right)^2 = \frac{4}{49}$$

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

$$\left(\frac{2}{3}\right)^5 = \frac{32}{243}$$

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

$$\left(\frac{1}{2}\right)^6 = \frac{1}{64}$$

$$\left(\frac{4}{9}\right)^3 = \frac{64}{729}$$

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