

Exponents and Fractions

Name: _____ Class: _____

Calculate and show your answers in the lowest terms

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

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

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

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

$$\left(\frac{3}{6}\right)^2 =$$

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

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

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

$$\left(\frac{9}{6}\right)^0 =$$

$$\left(\frac{6}{10}\right)^1 =$$

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

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

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

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

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

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

$$\left(\frac{8}{9}\right)^2 =$$

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

$$\left(\frac{5}{6}\right)^2 =$$

$$\left(\frac{4}{6}\right)^2 =$$

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

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

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

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

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

$$\left(\frac{0}{6}\right)^9 =$$

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

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

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

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

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

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

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

$$\left(\frac{7}{8}\right)^2 =$$



Answers



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

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

$$\left(\frac{3}{5}\right)^2 = \frac{9}{25}$$

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

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

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

$$\left(\frac{3}{4}\right)^2 = \frac{9}{16}$$

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

$$\left(\frac{9}{6}\right)^0 = 1$$

$$\left(\frac{6}{10}\right)^1 = \frac{3}{5}$$

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

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

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

$$\left(\frac{1}{8}\right)^2 = \frac{1}{64}$$

$$\left(\frac{1}{9}\right)^2 = \frac{1}{81}$$

$$\left(\frac{3}{7}\right)^2 = \frac{9}{49}$$

$$\left(\frac{8}{9}\right)^2 = \frac{64}{81}$$

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

$$\left(\frac{5}{6}\right)^2 = \frac{25}{36}$$

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

$$\left(\frac{5}{7}\right)^2 = \frac{25}{49}$$

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

$$\left(\frac{1}{3}\right)^3 = \frac{1}{27}$$

$$\left(\frac{2}{3}\right)^4 = \frac{16}{81}$$

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

$$\left(\frac{0}{6}\right)^9 = 0$$

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

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

$$\left(\frac{1}{2}\right)^5 = \frac{1}{32}$$

$$\left(\frac{3}{8}\right)^2 = \frac{9}{64}$$

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

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

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

$$\left(\frac{7}{8}\right)^2 = \frac{49}{64}$$