



Negative Fractional Exponents

Name: _____

Date: _____ Score: _____

$$\left(-\frac{1}{2}\right)^0 =$$

$$\left(-\frac{1}{3}\right)^0 =$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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$$\left(-\frac{1}{2}\right)^0 = 1$$

$$\left(-\frac{1}{3}\right)^0 = 1$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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