



## Negative Fractional Exponents

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## Negative Fractional Exponents

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

$$\left(\frac{2}{5}\right)^{(-3)} = \frac{125}{8} = 15\frac{5}{8}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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