



## Negative Fractional Exponents

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\left(\frac{3}{5}\right)^{(-2)} = \frac{25}{9} = 2\frac{7}{9}$$

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

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

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