



## Negative Fractional Exponents

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

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

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

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

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

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

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

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

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

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

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

$$\left(\frac{1}{5}\right)^0 =$$

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

$$\left(\frac{1}{5}\right)^0 = 1$$

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

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

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

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

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

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

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

$$\left(-\frac{3}{4}\right)^{-3} = \left(-\frac{64}{27}\right) = \left(-2\frac{10}{27}\right)$$

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

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