

Negative Exponents of Fractions

Name: _____ Score: _____

Calculate the following negative exponents.

$$\left(\frac{1}{5}\right)^{-2} = \quad = \quad \left(\frac{1}{3}\right)^{-2} = \quad = \quad \left(\frac{1}{4}\right)^{-3} = \quad =$$

$$\left(\frac{1}{7}\right)^{-2} = \quad = \quad \left(\frac{2}{6}\right)^{-2} = \quad = \quad \left(-\frac{1}{2}\right)^{-2} = \quad =$$

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

$$\left(-\frac{2}{8}\right)^{-4} = \quad = \quad \left(\frac{8}{16}\right)^{-3} = \quad = \quad \left(\frac{3}{12}\right)^{-3} = \quad =$$

$$\left(\frac{5}{10}\right)^{-5} = \quad = \quad \left(-\frac{2}{4}\right)^{-5} = \quad = \quad \left(\frac{6}{18}\right)^{-2} = \quad =$$

$$\left(\frac{4}{16}\right)^{-3} = \quad = \quad \left(\frac{1}{7}\right)^{-1} = \quad = \quad \left(-\frac{3}{15}\right)^{-3} = \quad =$$

$$\left(\frac{6}{12}\right)^{-8} = \quad = \quad \left(\frac{1}{8}\right)^{-3} = \quad = \quad \left(\frac{1}{2}\right)^{-1} = \quad =$$