

Negative Exponents, Fractional Bases

Evaluate.

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

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

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

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

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

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

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

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

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

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

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Evaluate.

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

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

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

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

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

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

$$\left(\frac{2}{3}\right)^{-3} = \frac{27}{8}$$

$$\left(-\frac{2}{3}\right)^{-3} = -\frac{27}{8}$$

$$\left(\frac{3}{7}\right)^{-2} = \frac{49}{9}$$

$$\left(-\frac{3}{7}\right)^{-2} = \frac{49}{9}$$