

$$2^3 = 2 \cdot 2 \cdot 2 = 8$$

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$$2^2 = 2 \cdot 2 = 4$$

$$2^1 = 2$$

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

$$2^0 = 1$$

$$2^{-1} = \frac{1}{2}$$

$$2^{-1} = \left\langle \begin{array}{l} 2^{-1} \\ 2^3 : 2^4 = 8 : 16 = \frac{8}{16} = \frac{1}{2} \end{array} \right.$$

$$2^{-2} = \left\langle \begin{array}{l} 2^{-2} \\ 2^5 : 2^7 = 32 : 128 = \frac{32}{128} = \frac{1}{4} \end{array} \right.$$

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

$$2^{-3} = \left\langle \begin{array}{l} 2^{-3} \\ 2^4 : 2^7 = 2 : 16 = \frac{2}{16} = \frac{1}{8} \end{array} \right.$$

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

con $e < 0$

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

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

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

$$7^{-2} = \left(\frac{1}{7}\right)^2 = \frac{1}{49}$$

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

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

$$\left(+\frac{1}{2}\right)^{-5} = \left(+2\right)^5 = 32$$

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

$$8^{-2} = \left(\frac{1}{8}\right)^2 = \frac{1}{64}$$

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

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

$$\left(+\frac{7}{12}\right)^{-2} = \left(+\frac{12}{7}\right)^2 = \frac{144}{49}$$

$$(1)^{-1} = 1^1 = 1$$

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

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

$$\left(\frac{1}{10}\right)^{-3} = 10^3 = 1000$$

$$10^{-4} = \frac{1}{10000}$$

$$10^{-6}$$

$$10^{-9} =$$

$$10^{-2} = \frac{1}{100}$$