

Calcolo con i numeri relativi. Scheda di lavoro. Complete di soluzione guidata.

Signed numbers calculus.


Elevamento a potenza



1.	$\frac{-2^3}{3} =$	$\frac{2}{(-3)^2} =$	$\left(-\frac{2}{5}\right)^2 =$
2.	$\left(-\frac{1}{4}\right)^0 =$	$\left(-\frac{1}{2}\right)^1 =$	$\left(\frac{2}{3^2}\right)^{-2} =$
3.	$\left(-1 - \frac{1}{2}\right)^3 =$	$\left(-\frac{2}{5}\right)^6 : \left(-\frac{2}{5}\right)^4 =$	$\left(-\frac{4}{3}\right)^2 \cdot \left(-\frac{4}{3}\right)^3 =$
4.	$\left(\frac{1}{3} - \frac{1}{3}\right)^0 =$	$\left(-\frac{2}{3}\right)^3 =$	$\left(-\frac{16}{7}\right)^2 =$
5.	$\left(-\frac{2}{3}\right)^2 : \left(\frac{3}{4}\right)^2 =$	$\left(\left(-\frac{2}{3}\right)^2\right)^3 =$	$\left(1 - \frac{3}{4}\right)^1 =$
6.	$-\frac{3^0}{3} =$	$\left(-\frac{12}{4}\right)^4 =$	$-\left(-\frac{6}{7}\right)^7 \cdot \left(-\frac{6}{7}\right)^2 : \left(-\frac{6}{7}\right)^8 =$
7.	$-\left(-\frac{0}{3}\right)^2 =$	$\left(-\frac{1}{2}\right)^4 : \frac{1}{2} =$	$\left[\left(-\frac{6}{7}\right)^3 \cdot \left(-\frac{6}{7}\right)^4\right]^2 : \left(-\frac{6}{7}\right)^{12} =$
8.	$-\frac{3^1}{3^2} =$	$\left(-\frac{2}{3}\right)^5 \cdot \left(+\frac{3}{2}\right)^5 =$	$\left(\frac{4}{5}\right)^5 : \left(-\frac{4}{5}\right)^5 =$
9.	$\left(\left(-\frac{2}{3}\right)^2\right)^0 =$	$\left(-\frac{2}{4}\right)^4 =$	$\left(\frac{6}{7}\right)^7 : \left(\frac{6}{7}\right)^4 : \left(\frac{6}{7}\right)^2 =$
10.	$\left(\frac{2}{3}\right)^3 : \left(\frac{2}{3}\right)^2 =$	$\left(-\frac{1}{3}\right)^3 : \left(\frac{2}{3}\right) : \frac{1}{2} =$	$\left(-\frac{2}{3}\right)^2 : \left(-\frac{4}{6}\right)^2 =$
11.	$-\left(\frac{1}{0}\right)^1 =$	$\frac{7}{8} \cdot \left(-\frac{1}{4}\right)^0 =$	$\left[\left(-\frac{3}{4}\right)^3 \cdot \left(-\frac{3}{4}\right)^{2^2}\right] : \left(-\frac{3}{4}\right)^8 =$
12.	$\left(-\frac{2}{3}\right)^3 : \left(\frac{4}{3}\right)^3 =$	$\left[\left(-\frac{1}{4}\right)^0\right]^2 =$	$\left(-\frac{4}{9}\right)^2 : \left(1 - \frac{5}{9}\right)^2 =$
13.	$\frac{5^2}{(+15) \cdot (-4)} =$	$\left(-\frac{2^1}{3^2}\right)^2 =$	$\frac{1}{3} \cdot \left(-\frac{1}{3}\right)^4 : \left(-\frac{1}{3}\right)^3 =$
14.	$\left(\frac{2}{3}\right)^{-1} =$	$\left(\frac{1}{2}\right)^{-2} =$	$\left(-\frac{1}{3}\right)^{-1} =$
15.	$\left(\frac{3}{4}\right)^{-2} =$	$\left(\frac{1}{3}\right)^{-3} =$	$\left(\left(\frac{1}{3}\right)^{-1}\right)^0 =$


Soluzioni - Elevamento a potenza


$\frac{-2^3}{3} = -\frac{8}{3}$	$\frac{2}{(-3)^2} = +\frac{2}{9}$	$\left(-\frac{2}{5}\right)^2 = +\frac{4}{25}$
$\left(-\frac{1}{4}\right)^0 = +1$	$\left(-\frac{1}{2}\right)^1 = -\frac{1}{2}$	$\left(\frac{2}{3^2}\right)^{-2} = +\frac{81}{4}$
$\left(-1 - \frac{1}{2}\right)^3 = -\frac{27}{8}$	$\left(-\frac{2}{5}\right)^6 : \left(-\frac{2}{5}\right)^4 = +\frac{4}{25}$	$\left(-\frac{4}{3}\right)^2 \cdot \left(-\frac{4}{3}\right)^3 = -\frac{4^5}{3^5} = -\frac{1024}{243}$
$\left(\frac{1}{3} - \frac{1}{3}\right)^0 = \text{priva di sign.}$	$\left(-\frac{2}{3}\right)^3 = -\frac{8}{27}$	$\left(-\frac{16}{7}\right)^2 = +\frac{1}{49}$
$\left(-\frac{2}{3}\right)^2 : \left(\frac{3}{4}\right)^2 = +\frac{64}{81}$	$\left(\left(-\frac{2}{3}\right)^2\right)^3 = +\frac{2^6}{3^6} = +\frac{64}{729}$	$\left(1 - \frac{3}{4}\right)^1 = +\frac{1}{4}$
$-\frac{3^0}{3} = -\frac{1}{3}$	$\left(-\frac{12}{4}\right)^4 = +81$	$-\left(-\frac{6}{7}\right)^7 \cdot \left(-\frac{6}{7}\right)^2 : \left(-\frac{6}{7}\right)^8 = -\frac{6}{7}$
$-\left(-\frac{0}{3}\right)^2 = 0$	$\left(-\frac{1}{2}\right)^4 : \frac{1}{2} = +\frac{1}{8}$	$\left[\left(-\frac{6}{7}\right)^3 \cdot \left(-\frac{6}{7}\right)^4\right]^2 : \left(-\frac{6}{7}\right)^{12} = +\frac{36}{49}$
$-\frac{3^1}{3^2} = -\frac{1}{3}$	$\left(-\frac{2}{3}\right)^5 \cdot \left(+\frac{3}{2}\right)^5 = -1$	$\left(\frac{4}{5}\right)^5 : \left(-\frac{4}{5}\right)^5 = -1$
$\left(\left(-\frac{2}{3}\right)^2\right)^0 = +1$	$\left(-\frac{2}{4}\right)^4 = +\frac{1}{16}$	$\left(\frac{6}{7}\right)^7 : \left(\frac{6}{7}\right)^4 : \left(\frac{6}{7}\right)^2 = +\frac{6}{7}$
$\left(\frac{2}{3}\right)^3 : \left(\frac{2}{3}\right)^2 = +\frac{2}{3}$	$\left(-\frac{1}{3}\right)^3 : \left(\frac{2}{3}\right) : \frac{1}{2} = -\frac{1}{9}$	$\left(-\frac{2}{3}\right)^2 : \left(-\frac{4}{6}\right)^2 + 1$
$-\left(\frac{1}{0}\right)^1 = \text{imposs.}$	$\frac{7}{8} \cdot \left(-\frac{1}{4}\right)^0 = +\frac{7}{8}$	$\left[\left(-\frac{3}{4}\right)^3 \cdot \left(-\frac{3}{4}\right)^2\right]^2 : \left(-\frac{3}{4}\right)^8 = +\frac{9}{16}$
$\left(-\frac{2}{3}\right)^3 : \left(\frac{4}{3}\right)^3 = -\frac{1}{8}$	$\left[\left(-\frac{1}{4}\right)^0\right]^2 = +1$	$\left(-\frac{4}{9}\right)^2 : \left(1 - \frac{5}{9}\right)^2 = +1$
$\frac{5^2}{(+15) \cdot (-4)} = -\frac{5}{12}$	$\left(-\frac{2^1}{3^2}\right)^2 = +\frac{4}{81}$	$\frac{1}{3} \cdot \left(-\frac{1}{3}\right)^4 : \left(-\frac{1}{3}\right)^3 = +\frac{1}{9}$
$\left(\frac{2}{3}\right)^{-1} = +\frac{3}{2}$	$\left(\frac{1}{2}\right)^{-2} = +4$	$\left(-\frac{1}{3}\right)^{-1} = -3$
$\left(\frac{3}{4}\right)^{-2} = +\frac{16}{9}$	$\left(\frac{1}{3}\right)^{-3} = +27$	$\left(\left(\frac{1}{3}\right)^{-1}\right)^0 = +1$

Keywords

 *Algebra, numeri relativi, relativi, numeri interi, interi, numeri positivi, numeri negativi, valore assoluto, numeri reali, segno, Z, espressioni algebriche, esercizi con soluzioni, matematica*

  *Algebra, Z, signed numbers, integer, integer numbers, negative e non-negative numbers, real numbers, sign, exercises with solution, Algebraic Expressions solved, math*

 *Algebra, Z, nombre negativo, nombre positivo, signo, matemática*

 *Algèbre, Z, nombres relatifs, nombre négatifs, nombre positifs, nombres réels, mathématique*

 *Algebra, Z, Positive und Negative Zahlen, reellen Zahlen, Signum, Mathematik*