Scientific Notation 4/4

This is a set of exercises to practice multiplication and division of two numbers that are written using Scientific Notation.

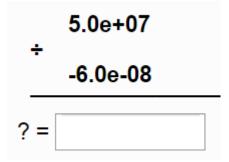
Solved examples in Youtube:



"<u>Cómo multiplicar o dividir en notación científica,</u> <u>ejemplos</u>"

https://www.youtube.com/watch?v=1iWYvT8pTc&t=16s

Example: Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

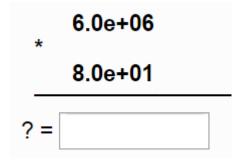


Solution:

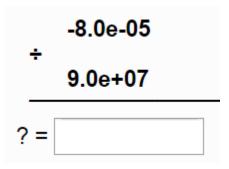
$$\frac{5.0 \times 10^7}{-6.0 \times 10^{-8}} \rightarrow \left(-\frac{5}{6}\right) \times \left(\frac{10^7}{10^{-8}}\right) \rightarrow \left(-\frac{5}{6}\right) \times 10^7 \times 10^8$$
$$\left(-\frac{5}{6}\right) \times 10^{15}$$

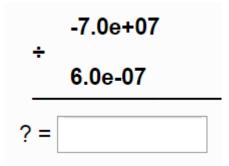
Answer:

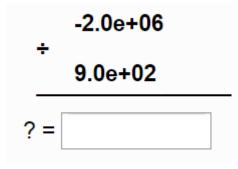
$$\frac{5.0 \times 10^7}{-6.0 \times 10^{-8}} = \left(-\frac{5}{6}\right) \times 10^{15}$$
, which can be written as: $-8,33 \times 10^{14}$



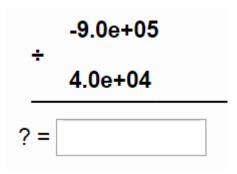
2. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

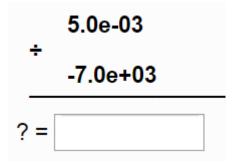


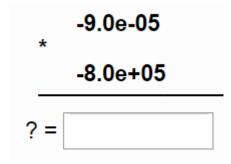




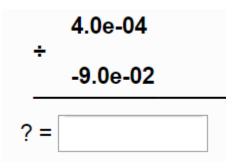
5. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

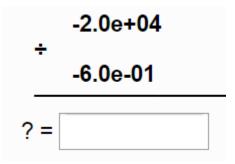


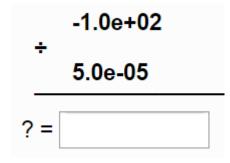




8. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

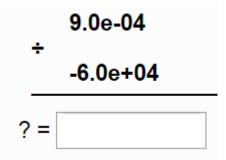


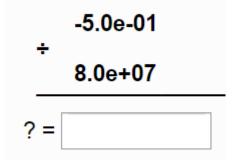




11. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

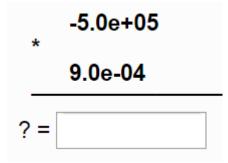
*	4.0e+02	
	-8.0e-01	
? =		

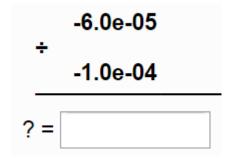




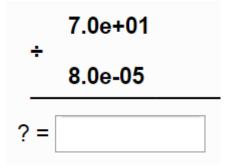
14. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

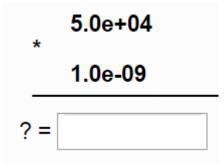
*	1.0e-08
	-5.0e+05
? =	

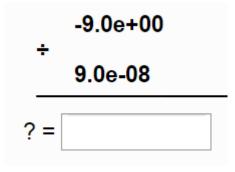




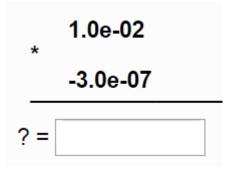
17. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

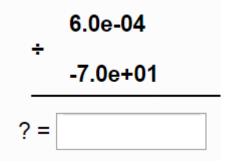


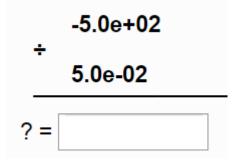




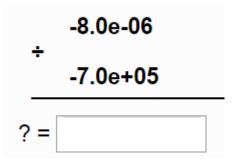
20. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

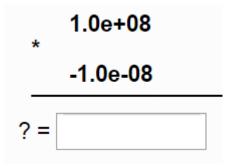


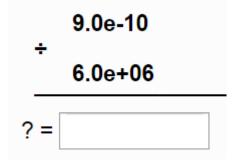




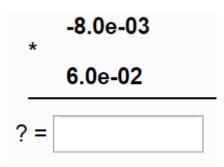
23. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

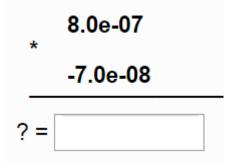


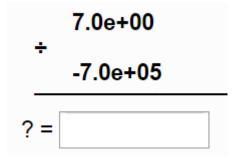




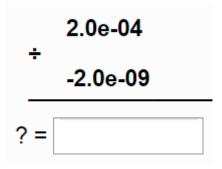
26. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

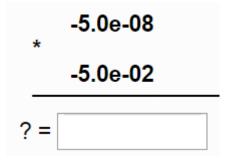


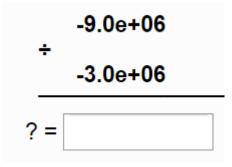




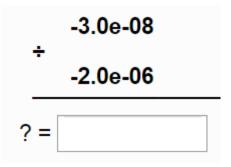
29. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

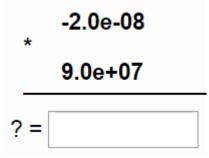


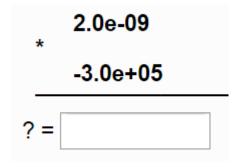




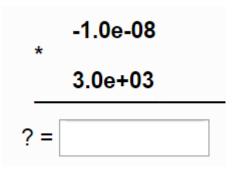
32. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

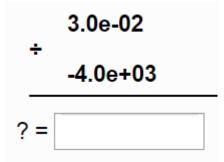


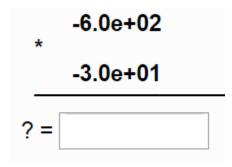




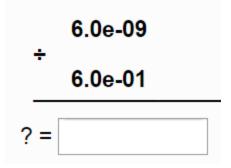
35. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

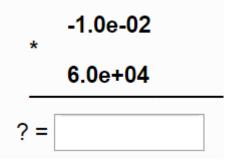


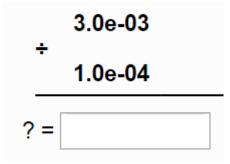




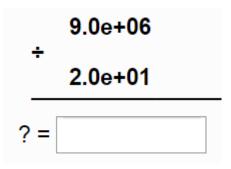
38. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

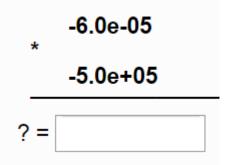


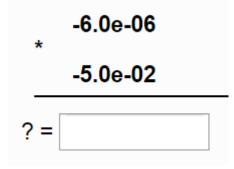




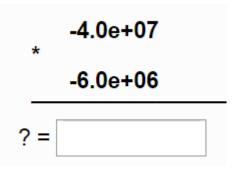
41. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

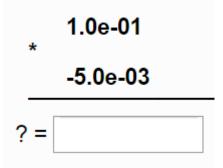


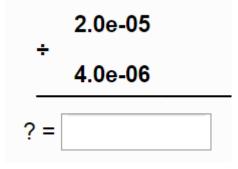




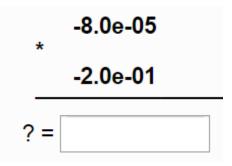
44. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

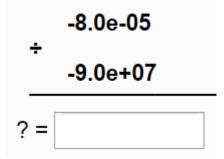


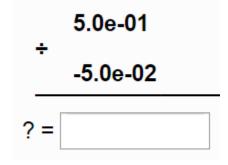




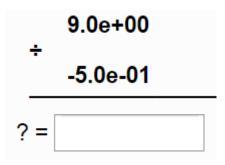
47. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

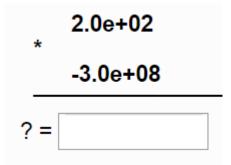


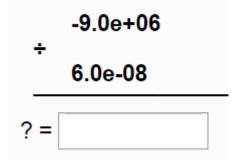




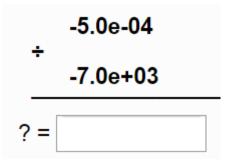
50. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

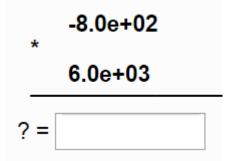


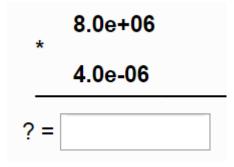




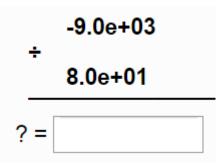
53. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

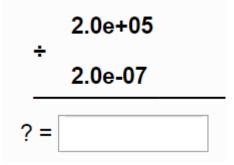


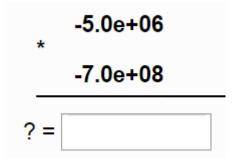




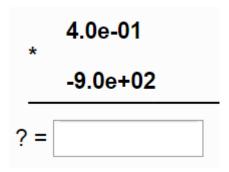
56. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

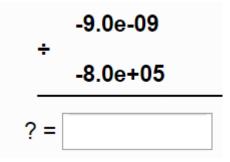


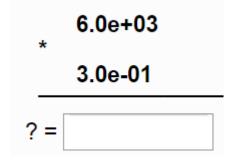




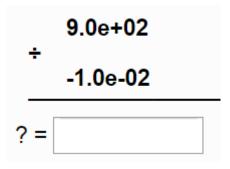
59. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

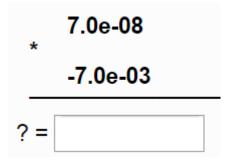


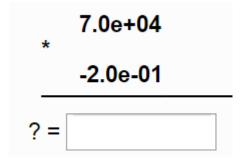




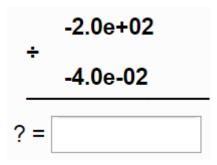
62. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

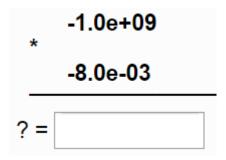


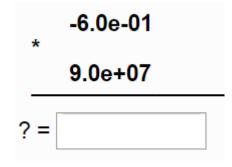




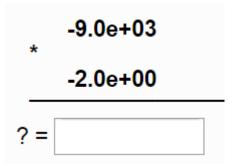
65. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

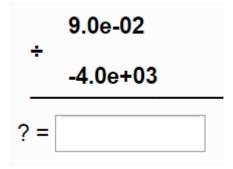


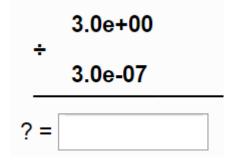




68. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

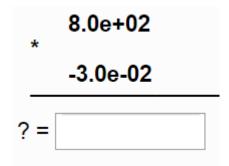


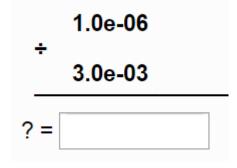




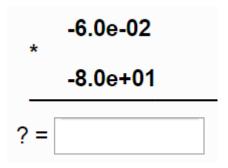
71. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

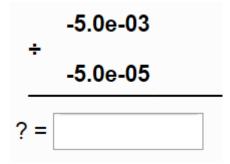
*	-7.0e+08	
	-9.0e+00	
? =		

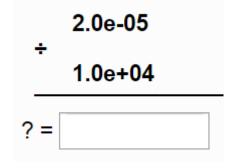




74. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

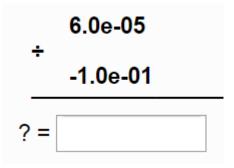


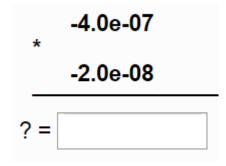




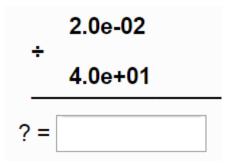
77. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

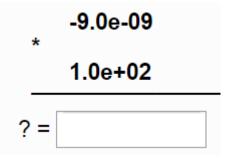
*	-3.0e+01	
	8.0e+06	
? =		

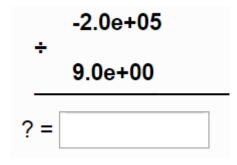




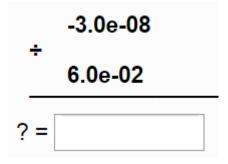
80. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

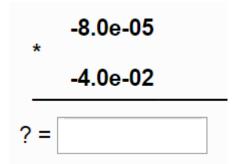


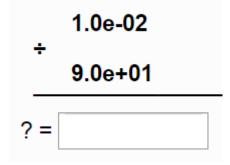




83. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

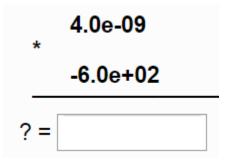


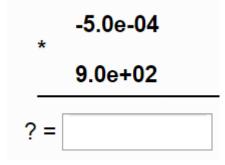




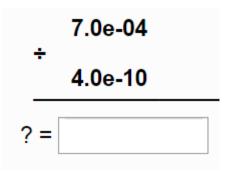
86. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

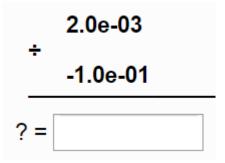
÷	9.0e-06	
÷	-4.0e+02	
? =		

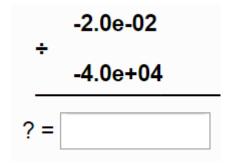




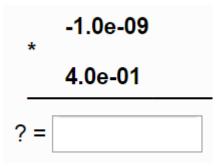
89. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

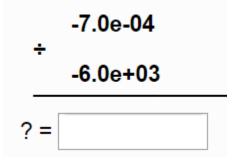


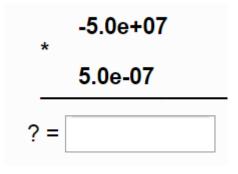




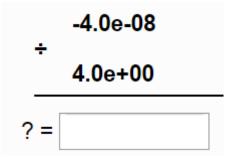
92. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

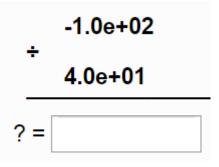


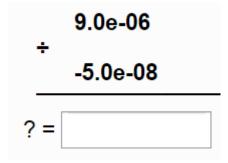




95. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.







98. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

