Scientific Notation 3/4

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

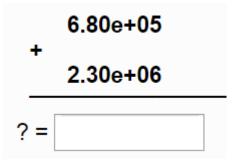
Solved examples in Youtube:



"<u>Cómo sumar o restar utilizando notación</u> <u>científica, ejemplos</u>"

https://www.youtube.com/watch?v=e7yduZs8YzU

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



Solution:

Conveniently convert both numbers to the same exponent, for instance $\times 10^5$:

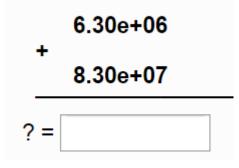
 $6{,}80\times10^5+23{,}0\times10^5{,}$ then carry out the addition of the coefficients: $29{,}8\times10^5{,}$

If the decision was $\times\,10^6$

 $0,680 \times 10^6 + 2,3 \times 10^6$, then carry out the addition of the coefficients: $2,98 \times 10^6$ You can choose an exponent different than 5 or 6, it could be anyone.

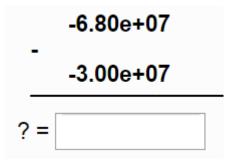
Answer:

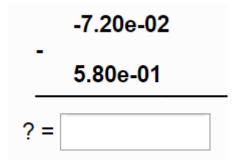
 $29,8 \times 10^5 = 2,98 \times 10^6$



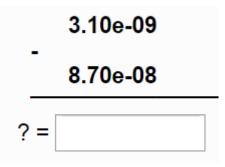
2. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

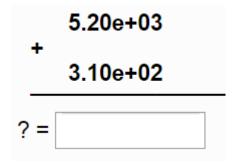
	-8.00e-05	
	- 9.20e-04	
?	=	

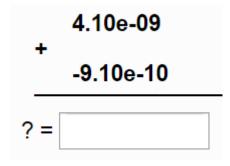




5. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

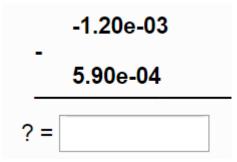


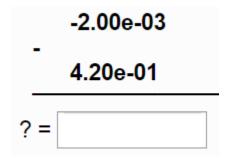




8. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

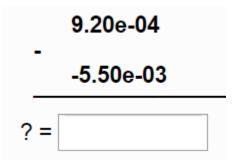
+	6.50e+03	
-	9.00e+02	
? =		

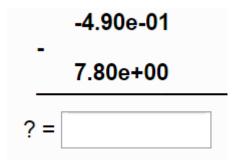




11. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

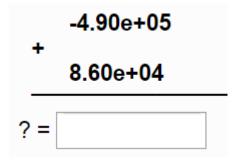
	-4.50e+02	
-	-6.70e+01	
? =		

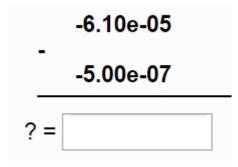




14. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

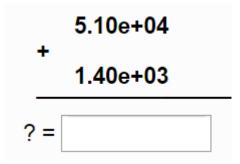
	9.00e-09	
+	-4.80e-07	
? =		

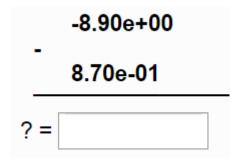




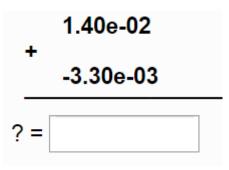
17. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

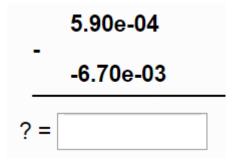
	6.60e+01	
-	8.30e+00	
?:	=	

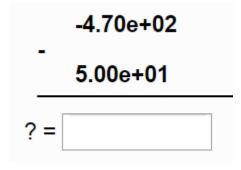




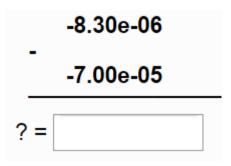
20. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

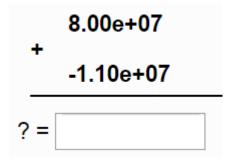


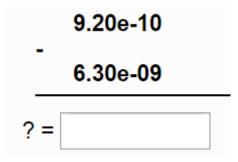




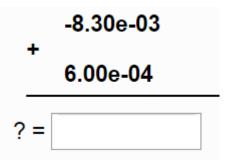
23. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

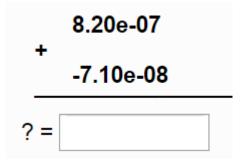


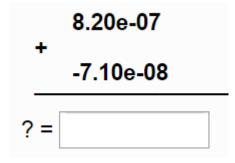




26. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

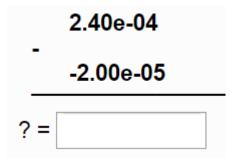


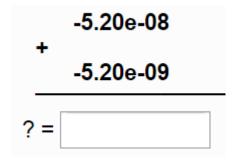




29. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

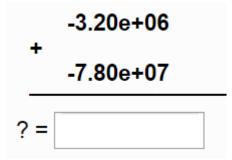
	7.40e+00	
-	-7.10e+01	
? =		

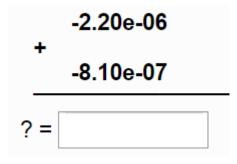




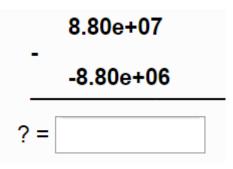
32. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

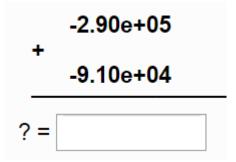
	-9.00e+06	
-	-2.00e+04	
? =		

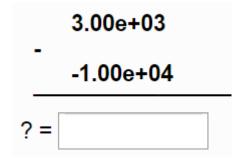




35. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

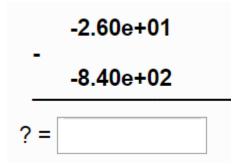


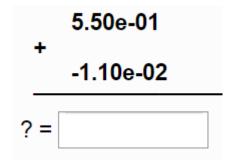




38. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

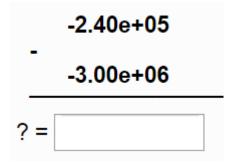
+	-4.10e+03	
-	3.70e+02	
? =		

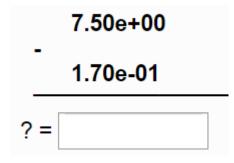




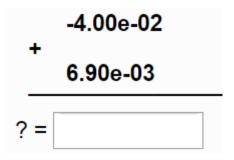
41. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

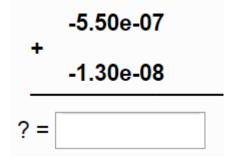
	2.00e-02	
-	5.90e+00	
? =		

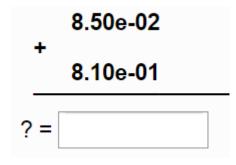




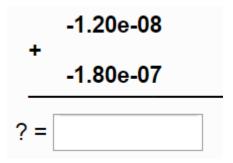
44. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

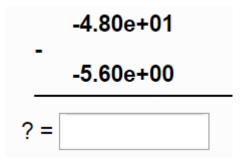


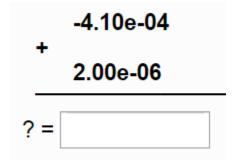




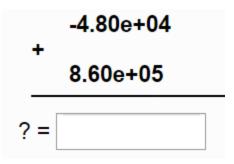
47. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

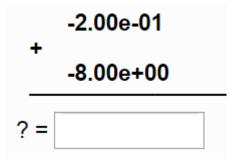


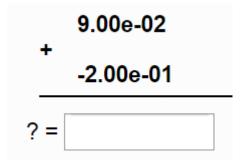




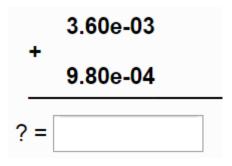
50. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

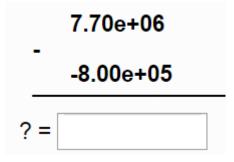


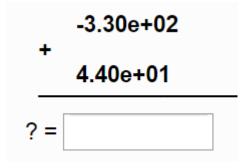




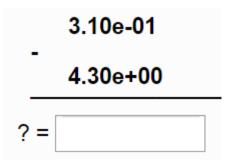
53. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

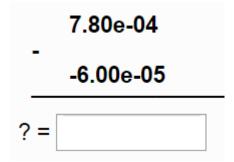


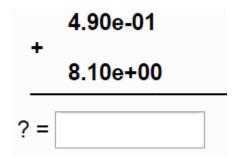




56. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

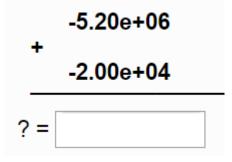


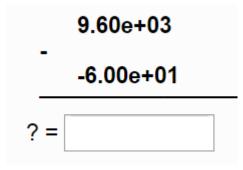




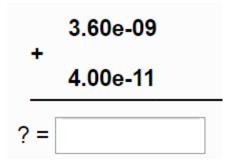
59. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

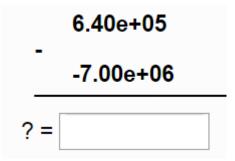
	2.40e+05	
-	1.50e+04	
?=	=	

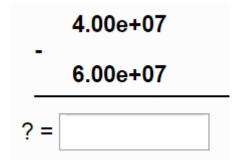




62. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

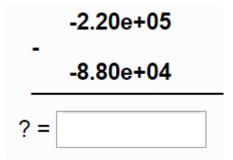


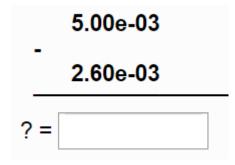




65. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

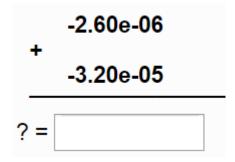
+	-1.40e+05	
-	-7.30e+04	
? =		

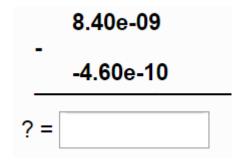




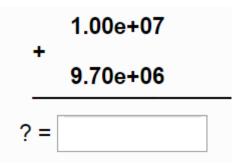
68. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

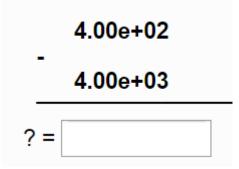
	-1.40e-10	
-	-6.70e-11	
? =		

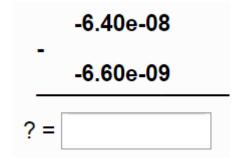




71. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

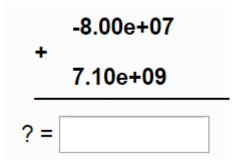


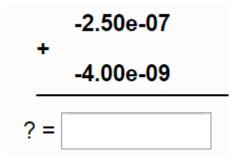




74. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

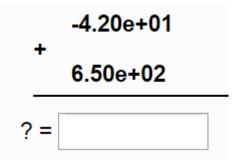
	1.20e+06	
	- -6.20e+05	
?	=	

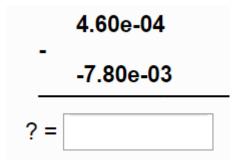




77. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

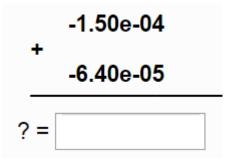
	1.80e-06
+	1.70e-07
? =	

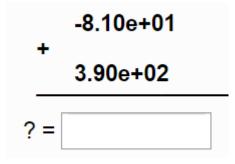




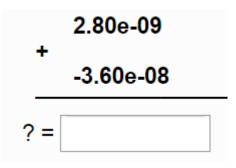
80. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

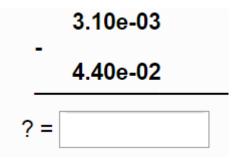
+	7.60e+05
-	1.90e+04
? =	

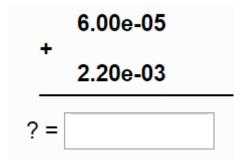




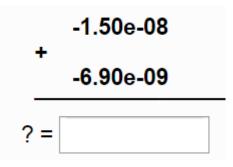
83. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

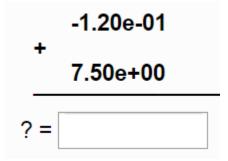


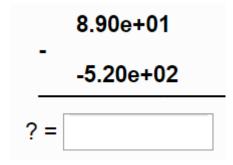




86. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

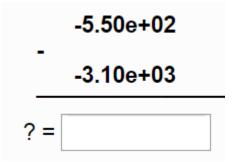


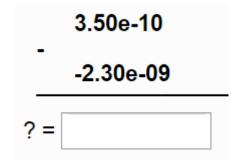




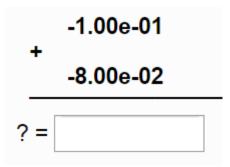
89. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

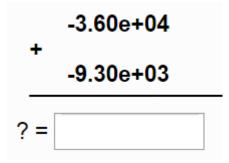
	-4.20e+02	
-	-8.60e+01	
? =		

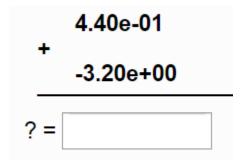




92. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

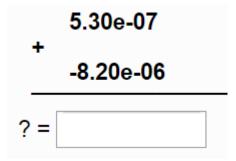


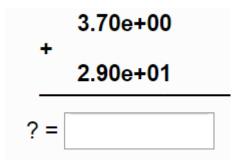




95. Compute the following operation. Do not use any electronic devise, use your brain, pencil and paper.

	-6.20e+03	
+	8.30e+02	
?=	=	





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

	3.60e+01
-	-5.80e+02
? =	

