Scientific Notation 1/4

This is a set of exercises to practice the writing of a number from the traditional decimal format into Scientific Notation. You can use any number of digits in the final form of a number in Scientific Notation, however for the sake of order, we will write the final number as a single integer, followed by any number of decimals, as shown in the following example.

Solved examples in Youtube:



"<u>Cómo escribir números utilizando notación</u> <u>científica, ejemplos</u>"

https://www.youtube.com/watch?v=yq5RxpC4xAw

Example: Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.0644800	 none -6.448e-01 -6.448e-02 -6.448e-03

Solution:

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-0.0644800 \rightarrow -0.0644800^{*}(1) \rightarrow -0.0644800^{*}(10^{2*}10^{-2}) \rightarrow -6.448^{*}10^{-2}
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	Equivalent to:
62.9400000	 none 6.294e+01 6.294e+00 6.294e+03

2. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
0.9143000	 none 9.143e-01 9.143e+00 9.143e-03

	Equivalent to:
584.4000000	 none 5.844e+03 5.844e+02 5.844e+00

5. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-0.0936300	 none -9.363e-01 -9.363e-02 -9.363e-03

	Equivalent to:
-365.8000000	 none -3.658e+02 -3.658e+03 -3.658e+01

8. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-4.4790000	 none -4.479e-02 -4.479e+00 -4.479e+01

	Equivalent to:
0.0919500	 none 9.195e-01 9.195e-02 9.195e-04

11. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.





	Equivalent to:
0.0858500	 none 8.585e-02 8.585e-01 8.585e-03

14. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
0.0001356	 none 1.356e-02 1.356e-05 1.356e-04

	Equivalent to:
0.1376000	 none 1.376e-02 1.376e+00 1.376e-01

17. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-54.2000000	 none -5.420e+01 -5.420e+03 -5.420e+00

	Equivalent to:
-0.8436000	 none -8.436e-02 -8.436e+01 -8.436e-01

20. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.





	Equivalent to:
0.1594000	 none 1.594e-01 1.594e-02 1.594e+01

23. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
805.4000000	 none 8.054e+02 8.054e+03 8.054e+01

	Equivalent to:
-0.0026150	 none -2.615e-05 -2.615e-03 -2.615e-02

26. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.0080710	 none -8.071e-03 -8.071e-05 -8.071e-01

	Equivalent to:
-0.0530400	 none -5.304e-04 -5.304e-02 -5.304e-01

	Equivalent to:
4.6340000	 none 4.634e+00 4.634e-01 4.634e+02

29. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.0037360	 none 3.736e-01 3.736e-04 3.736e-03

	Equivalent to:
85.8800000	 none 8.588e+01 8.588e+02 8.588e+00

	Equivalent to:
5.8970000	 none 5.897e+00 5.897e+02 5.897e-01

32. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.7519000	 none 7.519e-03 7.519e-01 7.519e+01

	Equivalent to:
-0.0005820	 none -5.820e-06 -5.820e-04 -5.820e-03

	Equivalent to:
-377.8000000	 none -3.778e+03 -3.778e+02 -3.778e+01

35. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-0.0765200	 none -7.652e-02 -7.652e-03 -7.652e-01

	Equivalent to:
-47.5000000	 none -4.750e+01 -4.750e+00 -4.750e+03

38. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-82.3000000	 none -8.230e-01 -8.230e+01 -8.230e+03

	Equivalent to:
2.4810000	 none 2.481e+01 2.481e-01 2.481e+00

	Equivalent to:
77.0300000	 none 7.703e+01 7.703e-01 7.703e+02

41. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.0044250	 none 4.425e-02 4.425e-03 4.425e-05

	Equivalent to:
80.7400000	 none 8.074e+00 8.074e+01 8.074e+03

	Equivalent to:
-4.0200000	 none -4.020e+02 -4.020e+00 -4.020e-02

44. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.0063420	 none -6.342e-03 -6.342e-05 -6.342e-02

	Equivalent to:
9.5740000	 none 9.574e-02 9.574e+00 9.574e+01

	Equivalent to:
-0.0009151	 none -9.151e-03 -9.151e-04 -9.151e-06

47. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-0.0924000	 none -9.240e-04 -9.240e-02 -9.240e-01

	Equivalent to:
66.2800000	 none 6.628e+01 6.628e+00 6.628e+02

50. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.0096810	 none 9.681e-04 9.681e-03 9.681e-02

	Equivalent to:
-321.0000000	 none -3.210e+02 -3.210e+03 -3.210e+00

	Equivalent to:
-164.5000000	 none -1.645e+02 -1.645e+01 -1.645e+04

53. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
0.0033840	 none 3.384e-02 3.384e-04 3.384e-03

	Equivalent to:
7.1100000	 none 7.110e+00 7.110e-01 7.110e+01

56. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
9.6530000	 none 9.653e-01 9.653e+02 9.653e+00

	Equivalent to:
75.9300000	 none 7.593e+00 7.593e+01 7.593e+03

59. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.0037460	 none -3.746e-04 -3.746e-03 -3.746e-02

	Equivalent to:
-0.5820000	 none -5.820e-03 -5.820e-01 -5.820e+01

	Equivalent to:
0.6170000	 none 6.170e-01 6.170e+01 6.170e-02

62. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-0.0818400	 none -8.184e-02 -8.184e-01 -8.184e-03

	Equivalent to:
36.1000000	 none 3.610e-01 3.610e+01 3.610e+03

65. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
33.5700000	 none 3.357e+01 3.357e+00 3.357e+03

	Equivalent to:
0.0204300	 none 2.043e-02 2.043e-01 2.043e-04

68. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-0.0005300	 none -5.300e-05 -5.300e-04 -5.300e-02

	Equivalent to:
-514.3000000	 none -5.143e+01 -5.143e+02 -5.143e+04

71. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.



	Equivalent to:
-2.9960000	 none -2.996e+02 -2.996e+00 -2.996e-01

74. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
8.7970000	 none 8.797e+00 8.797e+02 8.797e-01

	Equivalent to:
-0.0056260	 none -5.626e-03 -5.626e-02 -5.626e-04

77. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.8124000	 none -8.124e-01 -8.124e-03 -8.124e+01

	Equivalent to:
0.0172200	 none 1.722e-03 1.722e-02 1.722e+00

80. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.3383000	 none -3.383e+00 -3.383e-01 -3.383e-02

	Equivalent to:
0.0775500	 none 7.755e-01 7.755e-02 7.755e-04

83. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.0053770	 none 5.377e-03 5.377e-01 5.377e-05

	Equivalent to:
0.0017610	 none 1.761e-03 1.761e-02 1.761e-04

86. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.0579900	 none 5.799e-04 5.799e-02 5.799e-01

	Equivalent to:
-0.0000960	 none -9.600e-06 -9.600e-04 -9.600e-05

	Equivalent to:
121.1000000	 none 1.211e+04 1.211e+00 1.211e+02

89. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
7.3090000	 none 7.309e+00 7.309e+02 7.309e-02

	Equivalent to:
-0.5443000	 none -5.443e+01 -5.443e-01 -5.443e-03

	Equivalent to:
0.0017200	 none 1.720e-03 1.720e-02 1.720e-05

92. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
96.4600000	 none 9.646e+01 9.646e-01 9.646e+03

	Equivalent to:
-75.8300000	 none -7.583e+00 -7.583e+01 -7.583e+03

	Equivalent to:
0.0002598	 none 2.598e-06 2.598e-04 2.598e-03

95. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
-0.0061500	 none -6.150e-04 -6.150e-03 -6.150e-02

	Equivalent to:
-0.4363000	 none -4.363e-01 -4.363e-03 -4.363e+00

	Equivalent to:
-1.9300000	 none -1.930e-02 -1.930e+00 -1.930e+01

98. Compute the equivalent number at the left using scientific notation. Do not use any electronic device, use your brain, pencil and paper.

	Equivalent to:
0.2806000	 none 2.806e-02 2.806e-01 2.806e+01

	Equivalent to:
0.0001474	 none 1.474e-04 1.474e-06 1.474e-02

	Equivalent to:
720.9000000	 none 7.209e+04 7.209e+02 7.209e+00