

Standard ↔ scientific notation

Name _____

Date _____

Write each number in scientific notation, or scientific notation as a standard number.

Problem	Answer	Problem	Answer
1. Write 1.1×10^6 in standard form		11. Write 1.4×10^4 in standard form	
2. Write 0.0019 in scientific notation		12. Write 9.4 in scientific notation	
3. Write 5.0×10^{-6} in standard form		13. Write 7.9×10^2 in standard form	
4. Write 20 in scientific notation		14. Write 89,000 in scientific notation	
5. Write 6.2×10^{-5} in standard form		15. Write 8.3×10^7 in standard form	
6. Write 0.91 in scientific notation		16. Write 0.0000051 in scientific notation	
7. Write 5.3×10^{-4} in standard form		17. Write 6.7×10^{-5} in standard form	
8. Write $1.7e+8$ in scientific notation		18. Write 240 in scientific notation	
9. Write 4.1×10^{-5} in standard form		19. Write 5.8×10^{-4} in standard form	
10. Write 0.000009 in scientific notation		20. Write 0.000068 in scientific notation	

Answer key — Standard ↔ scientific notation

#	Problem	Answer
1	Write 1.1×10^6 in standard form	1,100,000
2	Write 0.0019 in scientific notation	1.9×10^{-3}
3	Write 5.0×10^{-6} in standard form	0
4	Write 20 in scientific notation	2.0×10^1
5	Write 6.2×10^{-5} in standard form	0
6	Write 0.91 in scientific notation	9.1×10^{-1}
7	Write 5.3×10^{-4} in standard form	0.001
8	Write $1.7e+8$ in scientific notation	1.7×10^8
9	Write 4.1×10^{-5} in standard form	0
10	Write 0.000009 in scientific notation	9.0×10^{-6}
11	Write 1.4×10^4 in standard form	14,000
12	Write 9.4 in scientific notation	9.4×10^0
13	Write 7.9×10^2 in standard form	790
14	Write 89,000 in scientific notation	8.9×10^4
15	Write 8.3×10^7 in standard form	83,000,000
16	Write 0.0000051 in scientific notation	5.1×10^{-6}
17	Write 6.7×10^{-5} in standard form	0
18	Write 240 in scientific notation	2.4×10^2
19	Write 5.8×10^{-4} in standard form	0.001
20	Write 0.000068 in scientific notation	6.8×10^{-5}