Lesson 1.4 Scientific Notation

Write each number in scientific notation.

a	b	c
1. 32.5 = _____	6,708 = _____	387 = _____
2. 0.569 = _____	67,345 = _____	0.027 = _____
3. 0.079 = _____	0.51 = _____	6,791 = _____
4. 98.25 = _____	2,385 = _____	0.413 = _____
5. 7,831 = _____	418 = _____	75.183 = _____
6. 0.0004 = _____	7,301.4 = _____	0.0018 = _____
7. 5,624 = _____	23.65 = _____	0.965 = _____
8. 0.0045 = _____	523 = _____	0.355 = _____

Write each number in standard form.

9. 9.13×10^5 = _____	4.02×10^{-3} = _____	2.43×10^4 = _____
10. 1.124×10^{-1} = _____	8.48×10^3 = _____	5.12×10^{-2} = _____
11. 9.47×10^3 = _____	3.28×10^{-4} = _____	6.73×10^{-3} = _____
12. 5.3×10^{-5} = _____	4.13×10^4 = _____	3.78×10^4 = _____
13. 3.12×10^3 = _____	1.329×10^5 = _____	8.69×10^2 = _____
14. 4.5×10^{-4} = _____	9.8×10^{-6} = _____	3.56×10^5 = _____
15. 5.42×10^{-2} = _____	9.08×10^{-8} = _____	2.7×10^3 = _____
16. 7.3×10^2 = _____	1.25×10^4 = _____	8.8×10^{-8} = _____