Scientific Notation

Write each number in scientific notation.

1	2,620,000 = _____		**6**	45,000 = _____
2	17,000,000 = _____		**7**	602,000 = _____
3	0.000017 = _____		**8**	700 = _____
4	.00073 = _____		**9**	0.00091 = _____
5	0.38 = _____		**10**	0.047 = _____

Write each number in standard form.

11	3.7×10^6 = _____		**16**	8.0×10^2 = _____
12	2.1×10^5 = _____		**17**	5.06×10^3 = _____
13	6.17×10^{-4} = _____		**18**	9.9×10^{-1} = _____
14	2.45×10^{-3} = _____		**19**	1.4×10^{-5} = _____
15	2.45×10^5 = _____		**20**	7.0×10^{-4} = _____

Scientific Notation

Write each number in scientific notation.

1	$2{,}620{,}000 =$	2.62×10^{6}

6	$45{,}000 =$	4.5×10^{4}

2	$17{,}000{,}000 =$	1.7×10^{7}

7	$602{,}000 =$	6.02×10^{5}

3	$0.000017 =$	1.7×10^{-5}

8	$700 =$	7.0×10^{2}

4	$.00073 =$	7.3×10^{-4}

9	$0.00091 =$	9.1×10^{-4}

5	$0.38 =$	3.8×10^{-1}

10	$0.047 =$	4.7×10^{-2}

Write each number in standard form.

11	$3.7 \times 10^{6} =$	$3{,}700{,}000$

16	$8.0 \times 10^{2} =$	800

12	$2.1 \times 10^{5} =$	$210{,}000$

17	$5.06 \times 10^{3} =$	$5{,}060$

13	$6.17 \times 10^{-4} =$	$.000617$

18	$9.9 \times 10^{-1} =$	0.99

14	$2.45 \times 10^{-3} =$	$.00245$

19	$1.4 \times 10^{-5} =$	$.000014$

15	$2.45 \times 10^{5} =$	$245{,}000$

20	$7.0 \times 10^{-4} =$	$.0007$

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