4. Do the following Scientific Notation Drills (answers , pages 203 - 205)

A. Express the following numbers in scientific notation.

1.	200		9.	0.002	
2.	7,000		10.	0.00003	
3.	50,000		11.	0.00000009	
4.	100,000		12.	0.0000000001	
5.	9,000,000		13.	seven hundredths	
6.	800,000,000		14.	one millionth	
7.	4,000,000,000		15.	six ten-millionths	
8.	6		16.	11 billionths	

B. Express the following numbers in scientific notation.

1.	4,800		9.	0.025	
2.	72,000		10.	0.00016	
3.	45,000,000		11.	0.0000093	
4.	230,000,000		12.	0.000000041	
5.	5,760		13.	0.561	
6.	61,800		14.	0.00381	
7.	354,000		15.	0.0000367	
8.	537,000,000		16.	0.000000719	

C. Express the following numbers in scientific notation.

1.	68×10^{3}		5.	0.0000095×10^{8}	
2.	777×10^{6}		6.	0.0000095×10^{-8}	
3.	$1{,}990\times10^{-3}$		7.	$810{,}000\times10^{-5}$	
4.	0.88×10^{9}		8.	10.0×10^{-1}	

D. Replace the letter, n, with the correct exponent.

1.	$130=1.3\times10^{n}$		9.	$0.023=2.3\times10^{n}$	
2.	$670=6.7\times10^{n}$		10.	$0.000068=6.8\times10^{n}$	
3.	$7{,}400=7.4\times10^{n}$		11.	$0.000000091=9.1\times10^{n}$	
4.	$25{,}000=2.5\times10^{n}$		12.	$0.000000000041=4.1\times10^{n}$	
5.	$8{,}250=8.25\times10^{n}$		13.	$0.00651=6.51\times10^{n}$	
6.	$573{,}000=5.73\times10^{n}$		14.	$0.000000387=3.87\times10^{n}$	
7.	$1{,}620{,}000=1.62\times10^{n}$		15.	$0.0000000000000314=3.14\times10^{n}$	
8.	$278{,}000{,}000=2.78\times10^{n}$		16.	$0.00000001=1.0\times10^{n}$	