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1. Convert 0.000 23 to scientific notation.
- A)  $0.000\ 023 \times 10$       B)  $230,000 \times 10^{-1}$   
C)  $2.300 \times 10^{-6}$       D)  $2.3 \times 10^{-4}$   
E)  $2.3 \times 10^4$
2. Convert 13,796,000 to scientific notation.
- A)  $0.000013796 \times 10^{-1}$   
B)  $13.796 \times 10^{-2}$   
C)  $1.3796 \times 10^{-7}$   
D)  $13,796,000 \times 10^1$   
E)  $1.3796 \times 10^7$
3. Convert 26,000,000,000,000 to scientific notation.
- A)  $2.600 \times 10^{-6}$       B)  $0.000\ 260\ 0 \times 10^{16}$   
C)  $2.6 \times 10^{13}$       D)  $2.600 \times 10^{-9}$   
E)  $2.60 \times 10^5$
4. Convert 0.000 000 045 to scientific notation
- A)  $45 \times 10^{-9}$       B)  $4.500 \times 10^{-3}$   
C)  $4.5 \times 10^9$       D)  $0.000\ 45 \times 10^6$   
E)  $4.5 \times 10^{-8}$
5. Convert 280,500,000 to scientific notation.
- A)  $2.508 \times 10^8$       B)  $2,805 \times 10^{-3}$   
C)  $2.805 \times 10^9$       D)  $2.805 \times 10^8$   
E)  $2.805 \times 10^2$
6.  $7.95 \times 10^{-1}$  converted to a number is
- A) 79.5      B) 795  
C) 0.795      D) 0.0795  
E) 0.000 795
7.  $4.3 \times 10^3$  converted to a number is
- A) 43,000      B) 4,300  
C) 430      D) 43  
E) 4.3      F) 0.43
8.  $3.2 \times 10^{-3}$  converted to a number is
- A) 320      B) 32  
C) 3.2      D) 0.32  
E) 0.032      F) 0.003 2
9.  $2.06 \times 10^5$  converted to a number is
- A) 206,000      B) 20,600  
C) 2,060      D) 260  
E) 0.000 020 6      F) 0.000 002 06
10.  $6022 \times 10^{20}$  in correct scientific notation is
- A) 602,200,000,000,000,000,000,000  
B) 602,200,000,000,000,000  
C) 602,200,000  
D) 602,200  
E)  $6.022 \times 10^{23}$   
F)  $60.22 \times 10^{22}$
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