

QOD #2 **Which measurement contains only non-significant zeroes?**

- A 450. mL       B 0.0450 mL  
 C 0.045 mL       D 0.0405 mL

QOD #4 **A student determined the melting point of a substance to be 55.2°C. If the accepted value is 50.1°C, what is the percent error in the student's determination?**

- A 5.10       B 9.24       C 10.2       D 12.0

QOD #6 **How many meters are equal to  $4.57 \times 10^{19}$  nm?**

- A  $4.57 \times 10^{28}$        B  $4.57 \times 10^{25}$   
 C  $4.57 \times 10^{13}$        D  $4.57 \times 10^{10}$

QOD #8 **How many  $\text{dm}^3$  are equal to  $1.75 \times 10^4 \text{ cm}^3$ ?**

- A  $1.75 \times 10^3$        B  $1.75 \times 10^5$   
 C  $1.75 \times 10^1$        D  $1.75 \times 10^7$

QOD #10 **What is the name of the element whose symbol is S?**

- A silicon       B sulfur       C sodium       D selenium

QOD #12 **The phase change represented by the equation  $\text{I}_2(\text{s}) \rightarrow \text{I}_2(\text{g})$  is called**

- A condensation       B sublimation  
 C melting       D evaporation

