

## Answers to problems in page 254

59. 94.97 g/mol  
60. 60.12 g/mol  
61. 75.08 g/mol  
62.  $\text{AgNO}_3$   
63.  $\text{P}_2\text{O}_3$   
64.  $\text{C}_2\text{H}_6\text{O}$   
65.  $\text{C}_9\text{H}_{18}\text{N}_6$   
66.  $\text{C}_6\text{H}_6$   
67.  $\text{Co}_2\text{C}_8\text{O}_8$   
68.  $\text{C}_{18}\text{H}_{34}\text{O}_2$   
69.  $\text{C}_4\text{H}_4\text{N}_2$   
70. a. 35.00% N, 5.05% H, and 59.96% O  
b. 21.23% O and 78.77% Sn  
c. 13.35% Y, 41.23% Ba, 28.62% Cu, and 16.81% O  
71. 37.56%  $\text{NH}_4^+$   
72.  $\text{CaCO}_3$ , 40.04% Ca, 12.00% C, and 47.96% O  
73. 22.57% N, 6.51% H, 19.35% C, 51.56% O