16. Which of the following aqueous solutions should have the highest boiling point?

    A) 1.0 m NaCl
    B) 1.0 m MgCl$_2$
    C) 1.0 m C$_{12}$H$_{22}$O$_{11}$
    D) All should have the same boiling point

23. Calculate the boiling point of a 4.0 m solution of sucrose in water. Sucrose is a nonelectrolyte. The normal boiling point of pure water is 100.0°C. K_b (water) = 0.52°C/m.

    A) 2.1°C   B) 94.0°C
    C) 97.9°C   D) 102.1°C