ANSWERS

A) _____ ft^3

B) $ ____ . ____ ___

C) _____

A) A box is 8 inches x 9 inches x 15 inches. Compute the volume of this box <u>in ft^3</u>.

B) Turkey Hill ice cream costs $1.49/quart and $5.29/gallon. No other sizes are available.
    If a gallon and 3 quarts will serve 15 people equal-sized portions, how much will the <u>minimum</u> ice cream
    required to serve 100 people the same size portions cost?

    Note: 4 quarts = 1 gallon

C) Given: $a \nabla b = \dfrac{2ab}{a+b} - \sqrt{ab}$ Compute $\dfrac{1}{2} \nabla \dfrac{8}{9}$.