Quick Questions 10   Continuous Normal Probability Distributions

I. The average income of 30-year-old college graduates from State University is normally distributed with a mean of $30,000 and a standard deviation of $4,000. Calculate the following being sure to graph each question.

A.   P(x < $34,000)

B.   P(x > $38,000)

C.   P($18,000 ≤ x < $19,800)

D.   P(x > $30,000)