

Word problems involving calculations from a normal distribution

Problem

Explanation

Show Another

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QUESTION

Suppose that the mean systolic blood pressure for women over age seventy is 134 mmHg (millimeters of mercury), with a standard deviation of 9 mmHg. Suppose that the blood pressures are normally distributed. Complete the following statements.

(a) Approximately 95% of women over seventy have blood pressures between mmHg and mmHg.

(b) Approximately of women over seventy have blood pressures between 125 mmHg and 143 mmHg.

