

Answer on Question #71235 – Math – Statistics and Probability

Question

A sample of $n=25$ scores is determined to have a standard error of 2 points. What is the standard deviation for the population from which the sample was obtained?

Solution

$$SE = \frac{\sigma}{\sqrt{n}} \rightarrow \sigma = SE\sqrt{n} = 2\sqrt{25} = 10.$$

Answer: 10.