Question #17303 Find the sample standard deviation for the following data 15,16,17,18,19 I got 1.5 but I'm not sure if it's corrects.

Solution. First, calculate the mean of this sample $(15+16+17+18+19)/5 = 17$, a standard deviation equals $\sqrt{\frac{1}{5}((15-17)^2 + (16-17)^2 + (17-17)^2 + (18-17)^2 + (19-17)^2)} = \sqrt{2} \approx 1.23$.

Answer. $\sqrt{2}$ or approximately 1.23.