

**1. Problem**

From a very large population, a small sample of measurements was taken.

139	156	148	144	154
-----	-----	-----	-----	-----

Please calculate the average absolute deviation using the following formula:

$$AAD = \frac{\sum |x - \bar{x}|}{n}$$

**2. Problem**

From a very large population, a small sample of measurements was taken.

140	136	140	140
-----	-----	-----	-----

Please calculate the (Bessel corrected) sample standard deviation using the following formula:

$$s = \sqrt{\frac{\sum (x - \bar{x})^2}{n - 1}}$$