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

83	82	92	105

   Please calculate the average absolute deviation using the following formula:

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

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

42	47	48	39	51	56	53

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

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

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:

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

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

$$\overline{140 \quad 136 \quad 140 \quad 140}$$

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

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

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

129	149	128	136	161

   Please calculate the average absolute deviation using the following formula:

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

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

155	149	149	153

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

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

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

57	56	44	41	50

   Please calculate the average absolute deviation using the following formula:

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

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

189	183	196	175	180	190	175

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

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

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

45	30	36	42	34

   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.

192	194	193	194	192

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

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

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

71	63	65	63	77

   Please calculate the average absolute deviation using the following formula:

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

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

125	125	131	125

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

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

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

187	190	179	183	190

   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.

108	102	102	102

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

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

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

102	89	89	109	93	94	82

   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.

95	109	103	95	98

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

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

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

126	126	129	123	112

   Please calculate the average absolute deviation using the following formula:

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

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

175	175	179	174	177

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

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

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

183	186	191	184	192

   Please calculate the average absolute deviation using the following formula:

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

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

$$98 \quad 94 \quad 94 \quad 94$$

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

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

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

93	95	92	95	96

   Please calculate the average absolute deviation using the following formula:

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

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

113	113	113	127

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

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

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

114	120	112	114	119	108

   Please calculate the average absolute deviation using the following formula:

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

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

52	47	48	50	48	51	47

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

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

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

93	86	87	92	83

   Please calculate the average absolute deviation using the following formula:

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

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

$$69 \quad 87 \quad 89 \quad 69$$

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

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

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

110	117	120	115	112

   Please calculate the average absolute deviation using the following formula:

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

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

   $$65 \quad 67 \quad 67 \quad 65 \quad 66$$

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

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

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

   | 199 | 189 | 193 | 201 |

   Please calculate the average absolute deviation using the following formula:

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

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

153	137	142	135	143

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

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

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

   | 100 | 102 | 103 | 101 |

   Please calculate the average absolute deviation using the following formula:

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

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

163	165	164	165	163

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

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

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

129	131	142	128

   Please calculate the average absolute deviation using the following formula:

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

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

138	132	138	138

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

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

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

   | 186 | 205 | 186 | 189 | 189 | 187 | 195 |

   Please calculate the average absolute deviation using the following formula:

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

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

197	191	195	203

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

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

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

115	127	103	115	122

   Please calculate the average absolute deviation using the following formula:

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

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

   | 86 | 82 | 82 | 88 |

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

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

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

70	36	59	50	28

   Please calculate the average absolute deviation using the following formula:

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

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

146	146	140	143	140

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

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

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

$$130 \quad 129 \quad 123 \quad 126$$

Please calculate the average absolute deviation using the following formula:

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

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

$$92 \quad 88 \quad 89 \quad 96 \quad 98 \quad 95$$

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

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

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

136	133	130	133	134

   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.

   $$\overline{54 \quad 58 \quad 54 \quad 60}$$

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

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