

1. $\bar{x}_1 = 6$; $\sigma_1 \approx 3.16$; $\bar{x}_2 = 6.88$; $\sigma_2 \approx 3.06$; data set 1 has a greater standard deviation.
2. $\bar{x}_1 = 100$; $\sigma_1 \approx 7.23$; $\bar{x}_2 = 95.83$; $\sigma_2 \approx 4.81$; data set 1 has a greater standard deviation.
3. $\bar{x}_1 = 9.7$; $\sigma_1 \approx 1.07$; $\bar{x}_2 = 9.8$; $\sigma_2 \approx 1.25$; data set 2 has a greater standard deviation.
4. $\bar{x}_1 = 36.14$; $\sigma_1 \approx 5.51$; $\bar{x}_2 = 43.71$; $\sigma_2 \approx 5.47$; data set 1 has a greater standard deviation.