

Name _____

Date _____

Standard Deviation and Absolute Deviation – Independent Practice

Complete all the problems.

1. In the data set below, what is the mean absolute deviation?

10, 16, 18, 15, 15, 10, 23

2. In the data set below, what is the mean absolute deviation?

41, 56, 38, 45, 55, 51, 52

3. In the data set below, what is the mean absolute deviation?

10, 12, 18, 25, 25, 11, 22

4. In the data set below, what is the mean absolute deviation?

22, 33, 44, 55, 66, 88, 55, 55, 11, 22

5. In the data set below, what is the mean absolute deviation?

10, 60, 80, 50, 50, 10, 20

6. The weight of patients is recorded in the hospital. The weights are listed below. What is the standard deviation of the weight?

56 kgs, 64 kgs, 78 kgs, 66 Kgs, 70kgs, 65 kgs, 89 kgs

7. The grades of 10 students in math class are listed below. What is the standard deviation of the scores?

45, 48, 35, 50, 20, 25, 46, 24, 30, 32

8. The weather was tracked for one week. The temperature was as follows. What is the standard deviation?

24, 26, 21, 20, 25, 26, 27

9. Calculate the standard deviation of the following data set:

70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80

10. In the data set below, what is the mean absolute deviation?

76, 67, 82, 25, 54, 15, 24

