**MAT150 Statistics Assignment #5** [**www.helpyourmath.com/150.5**](http://www.helpyourmath.com/150.5)

1. Calculate the mean, variance and standard deviation of final exam scores of some students in MAT150.5 course.

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Mean \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Variance \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard Deviation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. For the following population data set find:

6449 31 45 52 43 39 50 46

* 1. The **mean**

* 1. The **standard deviation** and **variance** using either the **definition formula** or the **computational formula**.

* 1. Is 60 **unusual value**? ***(Optional)***

**Show your work:**