

GRADES-5

For each of the following sets of grades, do the following:

- a. Find the range.
 - b. Find the sample standard deviation.
 - c. Find the population standard deviation.
 - d. Use the frequency distribution from *grades-1*, and find the standard deviation (sample and population) of the grouped data.
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1. 55, 62, 63, 66, 67, 69, 71, 71, 73, 74, 75, 78, 79, 85, 87, 88, 89, 92, 92, 99
 2. 54, 56, 63, 72, 73, 75, 76, 77, 78, 81, 81, 89, 91, 92, 95, 95, 95, 96, 97, 98