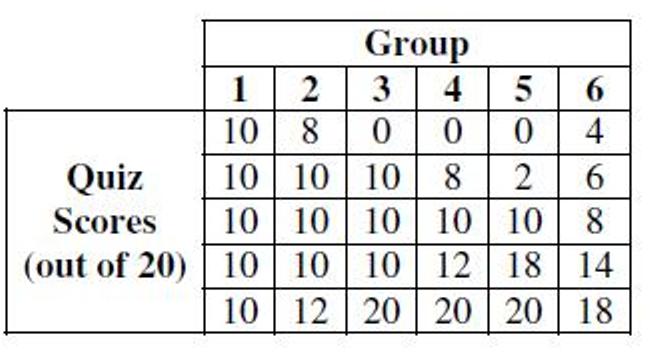
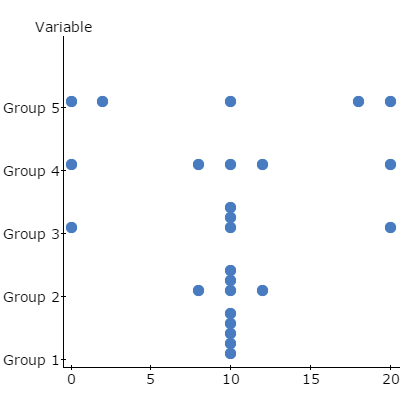
A class has been divided into groups of 5 students. Each group member has completed an individual 20-point quiz. Here are the scores on the quiz, by group:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Group | 1 | 2 | 3 | 4 | 5 | 6 |
|  |  |  |  |  |  |  |
| Range |  |  |  |  |  |  |
| IQR |  |  |  |  |  |  |
| sx |  |  |  |  |  |  |

Let’s calculate the standard deviation of **group 5** together by hand:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| ()2 |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Using a separate piece of paper (or the back), calculate the other 5 standard deviations (**by hand**). I will show you how to check your work using the graphing calculator afterwards.