1. A university published the following distribution of students enrolled in various colleges:

|  |  |
| --- | --- |
| College | Enrollment |
| Agriculture | 1250 |
| Business | 3675 |
| Science | 850 |
| Art | 2140 |
| Engineering | 1550 |
| Social science | 2100 |

1. On ten days, a bank had 18, 15, 13, 12, 8, 3, 7, 14, 16, and 3 bad checks. Find the mean, median, variance, and standard deviation of the numbers of bad checks.
2. Calculate the mean and standard deviation of the following sample:

-1, 4, 5, 0

1. the following is the distribution of ages of students in a graduate course:

|  |  |
| --- | --- |
| Age (yr) | frequency |
| 20-25 |  |
| 25-30 |  |
| 30-35 |  |
| 35-40 |  |
| 40-45 |  |
| 45-50 |  |
| 50-55 |  |