**Examples for Describing data Revision**

1. A hospital's human resource department was interested in the average number of years that a person works before retiring. The sample of size 11 follows:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 24 | 21 | 26 | 19 | 24 | 22 | 21 | 18 | 12 | 21 |

1- What is the mode? \_\_\_\_\_\_\_\_\_\_\_\_\_

2- What is the median? \_\_\_\_\_\_\_\_\_\_

3-What are the first and third quartiles? \_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_

4- What is the interquartile?

5- What is the arithmetic mean? \_\_\_\_\_\_\_\_\_\_\_\_

6- What is the mean deviation? \_\_\_\_\_\_\_\_\_\_\_\_

7- What is the variance? \_\_\_\_\_\_\_\_\_\_\_\_

8- What is the standard deviation? \_\_\_\_\_\_\_\_\_\_\_\_

9- What is the range? \_\_\_\_\_\_\_\_\_\_\_\_

10- What is the coefficient of variation? \_\_\_\_\_\_\_\_\_\_\_\_

1. A sample of the daily production of transceivers was organized into the following distribution.



1. What is the mean daily production?
2. What is the variance?
3. What is the standard deviation?