الاسم : الشعبه: رقم التسلسل

We measured the numbers of hours spend in exercising each week for a sample of 10 persons as follows

1. **2 4 5 4 1 2 5 3 4**
2. **The sample range is**
3. 3.17 (b) 3 (c) 4 (d) 3.8
4. **The sample median is**

(a)2 (b) 4 (c) 3 (d) 3.5

1. **The sample mean is**

(a) 3.17 (b) 3.3 (c) 1 (d) 3.5

1. **The mode is**

(a)No mode (b) 4 and 5 (c) 5 (d) 4

1. **The sample standard deviation is**

(a)5 (b) 1.494 (c) 2.056 (d) 1.434

The following table gives the results of a survey to study the weights of students of two schools

|  |  |  |
| --- | --- | --- |
| Standard deviation | Mean weights |  |
| 10 | 70 | School- A |
| 6 | 30 | School – B |

1. **School - A has:**

(a)More variation than school -B (b) Less variation than school -B

(c)The same variation as school B (d) We cannot determine