|  |  |
| --- | --- |
| **True or False?** | **Averages and Range** |

For each statement, circle the correct response.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | $$4, 2, 8, 3, 9$$ | The range is $5$ | True | False |
|  |  |  |  |
| **2** | $$5, 7, 8, 11, 12$$ | The median is $8$ | True | False |
|  |  |  |  |
| **3** | $$9, 6, 6, 3, 4$$ | The mode is $6$ | True | False |
|  |  |  |  |
| **4** | $$10, 1, 9, 4$$ | The mean is $6$ | True | False |
|  |  |  |  |
| **5** | $$5, 6, 6, 8, 8, 9$$ | The median is $6$ and $8$ | True | False |
|  |  |  |  |
| **6** | $$1, 2, 3, 5, 6, 9$$ | The median is $4$ | True | False |
|  |  |  |  |
| **7** | $$2, 3, 4$$ | The mean, mode and median are all $3$ | True | False |
|  |  |  |  |
| **8** | $$5, 8, 2, 6, 3$$ | There is no mode | True | False |
|  |  |  |  |
| **9** | $$8, 11, 6, 4, 6$$ | The mean and the range are the same  | True | False |
|  |  |  |  |
| **10** | The mean of a set of numbers can be greater than the largest value in the set | True | False |
|  |
| **11** | It is possible to have two modes in a set of data | True | False |
|  |
| **12** | The range of a set of numbers can be greater than the largest value in the set | True | False |