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| **Measure of Center** | **Procedure for Calculating** | **Example Problem:** Julie's scores on the math tests this year are 85, 67, 92, 50, 100, and 92.  |
|  **Mean** |  |  |
| **Median** |  |  |
| **Mode** |  |  |
| **Range** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Class A**  |  82  |  84  |  85  |  81  |  79  |  80  |
| **Class B**  | 80 | 81 | 83 | 79 | 78 | 80 |

1. The table shows the test average for several students in two math classes.

Based on the information in the table, which statement is true?

 A. The mean for Class A is about 1.7 points higher than the mean for Class B

B. The mean for Class A is about 1.2 points higher than the mean for Class B

C. The mean for Class B is about 1.2 points higher than the mean for Class A

D. The mean for Class B is about 1.7 points higher than the mean for Class A

|  |  |
| --- | --- |
| **Math Test Scores**  | **Science Test Scores**  |
|  93 |  88 |
|  92 |  87 |
|  87 |  90 |
|  91 |  89 |
|  92 |  92 |
|  87 |  90 |

2. Cole recorded his math and science test scores for the school year in the table.

What is the difference between his median scores in math and science?

3. Claire scored a 94, 96, 82, and 98 on her first four math tests. What does she need to get on her fifth test to get exactly a 93 test average?

4. Herman scored a 75, 90, and 92 on three math tests. What does he need to score on the fourth test to have an average of exactly an 85?

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| 1. | 2. | 3. |
| 4. | 5. | 6. |