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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** |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **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. |