Five Color Cards

Teacher Directions

Run each sheet of cards off on a different color. Cut the cards apart and make a set of matching cards from all five colors.

One color will be the data set and the other four colors will be the different measure of central tendency.

The students must match the four measures of central tendency to the data set. When they have matched all the cards, they complete the student recording sheet.

Five Color Cards

Student Directions

Match each set of data to its appropriate measures of central tendency. When you are finished matching, record your results on the student recording sheet. Each match should have one card of every color.

Five Color Cards

Student Recording Sheet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Set | Mean | Median | Mode | Range |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Data 2, 5, 2, 15, 3 | Data  9, 3, 5, 3, 10, 5, 6, 5, 8 |
| Data  2, 5, 9, 8, 3 ,2 ,1, 1, 7, 2 | Data  7, 9, 2, 3, 4, 10, 12, 25 |
| Data  8, 14, 21, 18, 14, 6, 3 | Data  15, 22, 6, 18, 13, 12, 9, 5 |

|  |  |
| --- | --- |
| Mean  5.4 | Mean  6 |
| Mean  4 | Mean  9 |
| Mean 12 | Mean  12.5 |

|  |  |
| --- | --- |
| Median  3 | Median  5 |
| Median  2.5 | Median  8 |
| Median  14 | Median  12.5 |

|  |  |
| --- | --- |
| Mode  2 | Mode  5 |
| Mode  2 | Mode  None |
| Mode  14 | Mode  None |

|  |  |
| --- | --- |
| Range  13 | Range  7 |
| Range  8 | Range  23 |
| Range  18 | Range  17 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Set | Mean | Median | Mode | Range |
| 2, 5, 2, 15, 3 | 5.4 | 3 | 2 | 13 |
| 9, 3, 5, 3, 10, 5, 6, 5, 8 | 6 | 5 | 5 | 7 |
| 2, 5, 9, 8, 3 ,2 ,1, 1, 7, 2 | 4 | 2.5 | 2 | 8 |
| 7, 9, 2, 3, 4, 10, 12, 25 | 9 | 8 | None | 23 |
| 8, 14, 21, 18, 14, 6, 3 | 12 | 14 | 14 | 18 |
| 15, 22, 6, 18, 13, 12, 9, 5 | 12.5 | 12.5 | None | 17 |

Answers: