Range, median \& mode
Data and Graphing Worksheet
Find the range, median and mode for each set of numbers.
1.

| $3,5, ~ 6, ~ 9, ~ 5 ~$ | Range: |  |
| :--- | :--- | :--- |
|  | Median: |  |
|  | Mode: |  |

2. 

| $11,14,10,11,21$ | Range: |  |
| :--- | :--- | :--- |
|  | Median: |  |
|  | Mode: |  |

3. 

| $8,12,7,10,8,9,11$ | Range: |  |
| :--- | :--- | :--- |
|  | Median: |  |
|  | Mode: |  |

4. 

| $11,8,8,7,11,8,9$ | Range: |  |
| :--- | :--- | :--- |
|  | Median: |  |
|  | Mode: |  |

5. 

| $9,6,4,5,7,6,8,5$ | Range: |  |
| :--- | :--- | :--- |
|  | Median: |  |
|  | Mode: |  |

## Answers

1. 

$$
\begin{gathered}
3,5,6,9,5 \\
3,5,5,6,9
\end{gathered}
$$

| Range: | $9-3=6$ |
| :--- | :---: |
| Median: | 5 |
| Mode: | 5 |

2. 

11, 14, 10, 11, 21
10, 11, 11, 14, 21

| Range: | $21-10=11$ |
| :--- | :---: |
| Median: | 11 |
| Mode: | 11 |

3. 

$$
\begin{gathered}
8,12,7,10,8,9,11 \\
7,8,8,9,10,11,12
\end{gathered}
$$

| Range: | $12-7=5$ |
| :--- | :---: |
| Median: | 9 |
| Mode: | 8 |

4. 

11, 8, 8, 7, 11, 8, 9
7, 8, 8, 8, 9, 11, 11

| Range: | $11-7=4$ |
| :--- | :---: |
| Median: | $\mathbf{8}$ |
| Mode: | $\mathbf{8}$ |

5. 

| $9,5,6,4,5, ~ 7, ~ 6, ~ 8, ~ 5 ~$ | Range: | $9-4=5$ |
| ---: | :--- | :---: |
|  | Median: | 6 |
|  | Mode: | 5 |

