



Range, median & mode

Data and Graphing Worksheet

Find the range, median and mode for the data in each problem.

1. Tom sold the following number of books over seven days: 13, 14, 12, 12, 14, 9, 12.
Range: _____
Median: _____
Mode: _____

2. Katherine recorded her spelling scores for 7 weeks: 15, 20, 15, 18, 17, 19, 15.
Range: _____
Median: _____
Mode: _____

3. The students collected the following number of bottles for their recycling project: 11, 15, 9, 15, 16, 17, 11, 9, 9.
Range: _____
Median: _____
Mode: _____

4. Gina has 24 yellow candies, 20 blue candies, 18 green candies, 24 purple candies, 16 red candies and 15 orange candies.
Range: _____
Median: _____
Mode: _____

5. Amelia sold the following ice cream flavors: 36 strawberry, 38 chocolate, 40 vanilla, 30 mango, 34 caramel, 40 green tea.
Range: _____
Median: _____
Mode: _____



Answers

1. Tom sold the following number of books over seven days: 13, 14, 12, 12, 14, 9, 12.
9, 12, 12, 12, 13, 14, 14
Range: $14 - 9 = 5$
Median: **12**
Mode: **12**
2. Katherine recorded her spelling scores for 7 weeks: 15, 20, 15, 18, 17, 19, 15.
15, 15, 15, 17, 18, 19, 20
Range: $20 - 15 = 5$
Median: **17**
Mode: **15**
3. The students collected the following number of bottles for their recycling project: 11, 15, 9, 15, 16, 17, 11, 9, 9.
9, 9, 9, 11, 11, 15, 15, 16, 17
Range: $17 - 9 = 8$
Median: **11**
Mode: **9**
4. Gina has 24 yellow candies, 20 blue candies, 18 green candies, 24 purple candies, 16 red candies and 15 orange candies.
15, 16, 18, 20, 24, 24
Range: $24 - 15 = 9$
Median: $(18 + 20) \div 2 = 19$
Mode: **24**
5. Amelia sold the following ice cream flavors: 36 strawberry, 38 chocolate, 40 vanilla, 30 mango, 34 caramel, 40 green tea.
30, 34, 36, 38, 40, 40
Range: $40 - 30 = 10$
Median: $(36 + 38) \div 2 = 37$
Mode: **40**