

Using Data

Skill 2 - 27A

Range, Median and Mode

Directions: Use the data in this table to answer the questions.

1. John made this table to show how many laps he ran each week for 7 weeks.

Laps John Ran	
Week	Number of Laps
Week 1	5
Week 2	8
Week 3	5
Week 4	7
Week 5	10
Week 6	5
Week 7	6

1. Write the numbers from the table in order from the least number to the greatest number.

2. Which number appears most often? **Mode** _____

3. Which number is in the middle? **Median** _____

4. Find the difference between the greatest number and the least number.

_____ - _____ = _____ **Range** = _____

2. April made this table to show how many blue jays she saw each week for 7 weeks.

Blue Jay Sightings	
Week	Number of Blue Jays
Week 1	7
Week 2	4
Week 3	9
Week 4	5
Week 5	12
Week 6	9
Week 7	3

1. Write the numbers from the table in order from the least number to the greatest number.

2. Which number appears most often? **Mode** _____

3. Which number is in the middle? **Median** _____

4. Find the difference between the greatest number and the least number.

_____ - _____ = _____ **Range** = _____

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Directions: Use the data in this table to answer the questions.

3. Sam made this table to show how many students attended the school play each day for 7 days.

School Play Attendance	
Day	Number of Students
Day 1	17
Day 2	14
Day 3	20
Day 4	16
Day 5	19
Day 6	12
Day 7	14

1. Write the numbers from the table in order from the least number to the greatest number.

2. Which number appears most often? **Mode** _____

3. Which number is in the middle? **Median** _____

4. Find the difference between the greatest number and the least number.

_____ - _____ = _____ **Range** = _____

4. Maria made this table to show how many books were sold at the school book sale each day for 7 days.

School Book Sale	
Day	Number of Books Sold
Day 1	6
Day 2	10
Day 3	12
Day 4	17
Day 5	8
Day 6	11
Day 7	12

1. Write the numbers from the table in order from the least number to the greatest number.

2. Which number appears most often? **Mode** _____

3. Which number is in the middle? **Median** _____

4. Find the difference between the greatest number and the least number.

_____ - _____ = _____ **Range** = _____

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Using Data: Range, Median and Mode

Directions: Use the data in this table to answer the questions.

5. Ryan made this table to show how many students attended the carnival each day for 7 days.

Carnival Attendance	
Day	Number of Students
Day 1	4
Day 2	3
Day 3	8
Day 4	6
Day 5	12
Day 6	10
Day 7	4

1. Write the numbers from the table in order from the least number to the greatest number.

2. What is the **mode** for this set of data? _____

3. What is the **median** for this set of data? _____

4. What is the **range** for this set of data? _____

6. Jenny made this table to show how many cookies were sold at the school bake sale each day for 7 days.

School Bake Sale	
Day	Number of Cookies Sold
Day 1	16
Day 2	12
Day 3	22
Day 4	25
Day 5	20
Day 6	22
Day 7	15

1. Write the numbers from the table in order from the least number to the greatest number.

2. What is the **mode** for this set of data? _____

3. What is the **median** for this set of data? _____

4. What is the **range** for this set of data? _____

Answer Key
Skill 2 - 27A

1. John made this table to show how many laps he ran each week for 7 weeks.

Laps John Ran	
Week	Number of Laps
Week 1	5
Week 2	8
Week 3	5
Week 4	7
Week 5	10
Week 6	5
Week 7	6

1. Write the numbers from the table in order from the least number to the greatest number.

5 5 5 6 7 8 10

2. Which number appears most often? **Mode** 5

3. Which number is in the middle? **Median** 6

4. Find the difference between the greatest number and the least number.

10 - 5 = 5 **Range** = 5

2.

1. 3, 4, 5, 7, 9, 9, 12 2. Mode 9 3. Median 7 4. $12 - 3 = 9$ Range = 9

3.

1. 12, 14, 14, 16, 17, 19, 20 2. Mode 14 3. Median 16 4. $20 - 12 = 8$ Range = 8

4.

1. 6, 8, 10, 11, 12, 12, 17 2. Mode 12 3. Median 11 4. $17 - 6 = 11$ Range = 11

5.

1. 3, 4, 4, 6, 8, 10, 12 2. Mode 4 3. Median 6 4. $12 - 3 = 9$ Range = 9

6.

1. 12, 15, 16, 20, 22, 22, 25 2. Mode 22 3. Median 20 4. $25 - 12 = 13$ Range = 13