



Name _____ Class _____ Date _____

1 According to the **frequency distribution** shown, the following data representing the number of birds seen per day has been displayed correctly:

12, 14, 16, 6, 8, 22, 24, 18, 17, 12, 7, 9, 16, 21, 13, 15, 7, 17, 21, 23.

Birds Seen Per Day	Tally	Frequency
5-9		5
10-14		4
15-19		6
20-24		5

True or false?

- A true
- B false

3 According to the **Venn diagram** shown, there are _____ students that play a sport.

play sports play an instrument

- A 31
- B 57
- C 65



4 In the **Venn diagram** shown, the number **zero** would **not** be part of which set of numbers?

- A natural
- B whole
- C integers



PREVIEW

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7 True or false? _____

True or false?

- A true
- B false

5	3	4
6	1	2 3 7
7	0	
8	5	9
9	0	5

9 With a **box-and-whisker plot**, the **second quartile** is the median of the data.

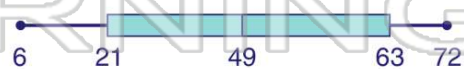
True or false?

- A true
- B false

10 According to the **box-and-whisker plot** shown, the number **49** is the _____

- B 22.5
- C 23
- D 31

0	1	3	3
1	0	1	2
2	2	4	
3	1	1	1 5
4	1	6	



- A first quartile
- B median
- C third quartile
- D greatest value



ANSWER KEY

According to the **frequency distribution** shown, the following data representing the number of birds seen per day has been displayed correctly:

12, 14, 16, 6, 8, 22, 24, 18, 17, 12, 7, 9, 16, 21, 13, 15, 7, 17, 21, 23.

Birds Seen Per Day	Tally	Frequency
5 - 9		5
10 - 14		4
15 - 19	I	6
20 - 24		5

True or false?

- A true
- B false

(a)

The **frequency distribution** shown represents the age when people get married. In which interval are there the **least** number of marriages?

- A 20-29
- B 30-39
- C 40-49
- D 50-59

Marriage age	Frequency
10 - 19	
20 - 29	I
30 - 39	II
40 - 49	
50 - 59	

(d)

According to the **Venn diagram** shown, there are _____ students that play a sport.

play sports play an instrument

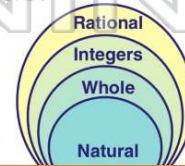
- A 31
- B 57
- C 65
- D 83



(d)

In the **Venn diagram** shown, the number **zero** would **not** be part of which set of numbers?

- A natural
- B whole
- C integers
- D rational



(a)



PREVIEW

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- A true
- B false

6	1	2	3	7
7	0			
8	5	9		
9	0	5		

- A 20
- D 31

2	2	4		
3	1	1	1	5
4	1	6		

With a **box-and-whisker plot**, the **second quartile** is the median of the data.

True or false?

- A true
- B false

(a)

According to the **box-and-whisker plot** shown, the number **49** is the _____.



(b)

- A first quartile
- B median
- C third quartile
- D greatest value