THIRD SPACE LEARNING

Frequency Table Check for Understanding

A 10 question retrieval quiz for students in grades 2 and 6.

Grades 2 and 6

Questions

Name: ..... Class: .....

Date: ..... Score: .....

1 Complete the frequency table based on the data below.

blue green yellow blue blue blue green red
red yellow blue yellow red green green blue
green yellow red red

Color	Tally Marks	Frequency

2 The frequency table below shows the frequencies of different temperatures. How many days was the temperature recorded?

Temperature (°C)	Tally Marks	Frequency
21	𝍸	3
22	𝍸	2
23	𝍸	5
24		0
25	𝍸	2

Answer

3 The frequency table shows the types of sports played by students at Grimes Middle School.

How many students played soccer, football or basketball?

Sport Played	Tally Marks	Frequency
Soccer	𝍸 ||	7
Hockey	||	2
Football	𝍸	5
Baseball	|||	3
Basketball	𝍸 -	4

Answer

4 Complete the grouped frequency table based on the data below.

72	77	90	87	79	91	81	66	83	61
96	73	75	88	72	99	75	65	91	84

Grade	Tally Marks	Frequency
61 -		

5 The frequency table shows the ages of 25 students in a class.
What is the mean age of the students?

Age	Frequency
11	1
12	15
13	6
14	3

Answer

6 The frequency table shows the temperature at noon for 15 days.
What is the mean temperature?

Temperatures (°F)	Frequency
81	1
82	2
83	5
84	7

Answer

7 The grouped frequency table shows the ages of 25 people at an event.
Which class interval contains the median?

Age of People	Frequency
0 - 4	4
5 - 9	6
10 - 14	8
15 - 19	5
20 - 24	2
	Total = 25

Answer

8 The grouped frequency table shows the grades 15 students made on a math test.

Which class interval contains the median?

Grades	Tally Marks	Frequency
61 - 70	𝍸	3
71 - 80	𝍸	4
81 - 90	𝍸 |	6
91 - 100	||	2
		Total = 15

Answer

9 The grouped frequency table shows the number of people on 10 city buses.

What is the modal class?

Number of People	Frequency
0 - 5	4
6 - 10	2
11 - 15	1
16 - 20	3

Answer

10 The grouped frequency table shows the percentage grades 15 students made on a math test. What is the modal class?

Grades (%)	Tally Marks	Frequency
61 - 70	𝍸	3
71 - 80	𝍸	4
81 - 90	𝍸 |	6
91 - 100	||	2
		Total = 15

Answer

Answers

Question number	Question	Answer	Standard
1	Complete the frequency table based on the data below.	Blue, 𝍸 | , 6 Green, 𝍸 , 5 Yellow, |||| , 4 Red, 𝍸 , 5	2.MD.D.9
2	The frequency table below shows the frequencies of different temperatures. How many days was the temperature recorded?	12 days	2.MD.D.10
3	The frequency table shows the types of sports played by students at Grimes Middle School. How many students played soccer, football or basketball?	16 students	2.MD.D.10
4	Complete the grouped frequency table based on the data below.	61 - 70, ||| , 3 71 - 80, 𝍸 || , 7 81 - 90, 𝍸 | , 6 91 - 100, |||| , 4	2.MD.D.9
5	The frequency table shows the ages of 25 students in a class. What is the mean age of the students?	12.44	6.SP.A.3

Check for Understanding | 2nd and 6th Grade | Frequency Table | Answers

Question number	Question	Answer	Standard
6	The frequency table shows the temperature at noon for 15 days. What is the mean temperature?	83.2	6.SP.A.3
7	The grouped frequency table shows the ages of 25 people at an event. Which class interval contains the median?	10 - 14	6.SP.A.3
8	The grouped frequency table shows the grades 15 students made on a math test. Which class interval contains the median?	81 - 90	6.SP.A.3
9	The grouped frequency table shows the number of people on 10 city buses. What is the modal class?	0 - 5 people	6.SP.B.5c
10	The grouped frequency table shows the percentage grades 15 students made on a math test. What is the modal class?	Answer: 81 - 90	6.SP.B.5c

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