ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

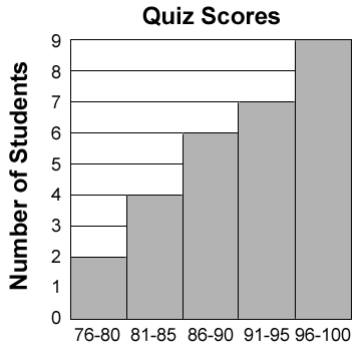
SUBJECT : Arithmetic **Work sheet 19 answer key**

Marks:15 **Graphical representation of data(Histogram)**

Date:28.4.2020

Answer all the following questions(1×15=15)

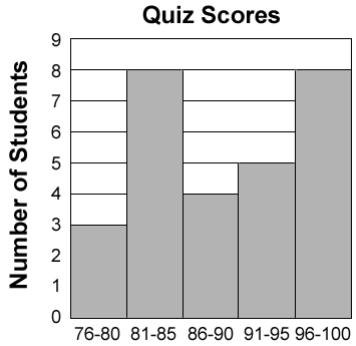
1.The graph shows student quiz scores, in percentages (%), on a vocabulary quiz. How many students scored between 86% - 90% on the quiz?



1. 2
2. 4
3. 6
4. 7

Answer: 6

2. The graph shows student quiz scores, in percentages (%), on an astronomy quiz. What type of graph is shown?

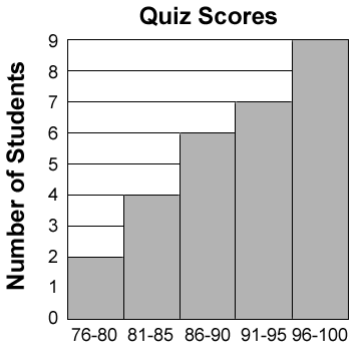


1. line plot
2. box plot

3. histogram
4. pictograph

   Answer: histogram

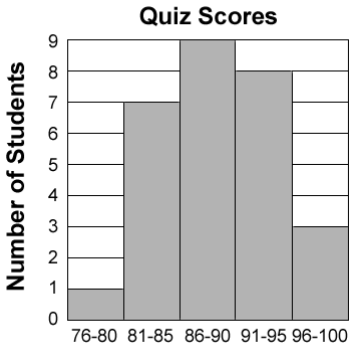
3.The graph shows student quiz scores, in percentages (%), on a vocabulary quiz. How many students, in all, took the quiz?



1. 26
2. 28
3. 76
4. 100

   Answer: 28

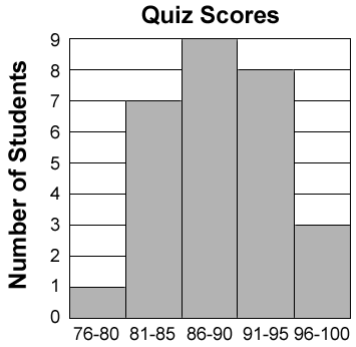
4. The graph shows student quiz scores, in percentages (%), on a biology quiz. How many students scored at least 91%?



1. 8
2. 9
3. 10
4. 11

   Answer: 11

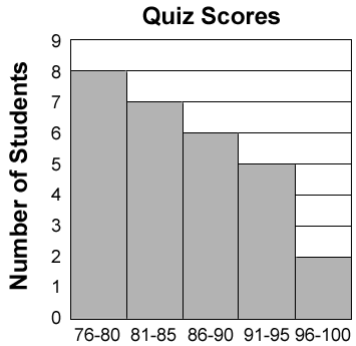
5. The graph shows student quiz scores, in percentages (%), on a biology quiz. How many students scored between 81% - 85%?



1. 1
2. 3
3. 7
4. 8

Answer: 7

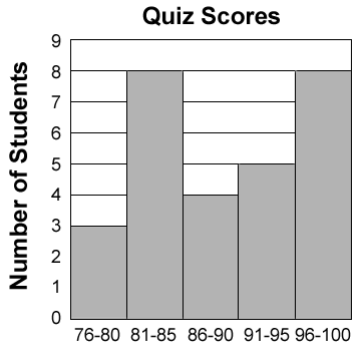
6. The graph shows student quiz scores, in percentages (%), on a history quiz. Which range of quiz scores has the most students?



1. 76% - 80%
2. 81% - 85%
3. 86% - 90%
4. 91% - 95%

Answer: 76% - 80%

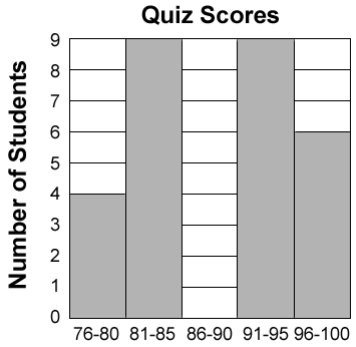
7.The graph shows student quiz scores, in percentages (%), on an astronomy quiz. Joe scored 84% on the quiz. How many other students scored in the same range as Joe?



1. 7
2. 8
3. 11
4. 12

Answer: 8

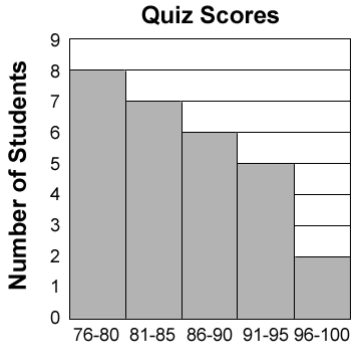
8. The graph shows student quiz scores, in percentages (%), on a Spanish quiz. How many students scored 86% or higher on the quiz?



1. 0
2. 9
3. 15
4. 16

Answer: 15

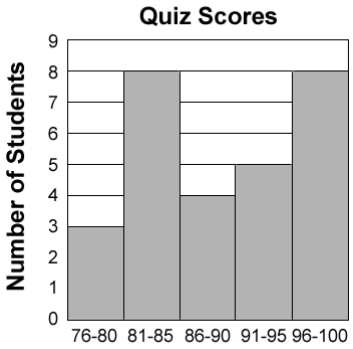
9. The graph shows student quiz scores, in percentages (%), on a history quiz. How many more students scored in the range of 86% - 90% than scored in the range of 96% to 100%?



1. 2
2. 4
3. 6
4. 8

Answer: 4

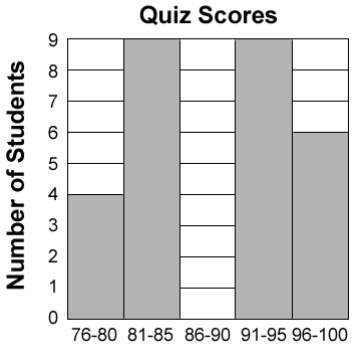
10. The graph shows student quiz scores, in percentages (%), on an astronomy quiz. Three students scored 100% on the quiz. How many students scored less than 100%?



1. 20
2. 23
3. 25
4. 28

Answer: 25

11. The graph shows student quiz scores, in percentages (%), on a Math quiz. Which two score ranges have the same number of students?



1. 76% - 80% and 81% - 85%
2. 81% - 85% and 86% - 90%
3. 86% - 90% and 76% - 80%
4. 91% - 95% and 81% - 85%

Answer: option 4

12. How many students completed the math quiz in all?

1. 20
2. 28
3. 76
4. 100

Answer: 28

13. Which range of math quiz scores has the least students?

1. 76% - 80%
2. 81% - 85%
3. 86% - 90%
4. 91% - 95%

Answer: option 1

14. Irina scored 92% on the math quiz. How many other students scored in the same range as Irina?

1. 3
2. 4
3. 5
4. 8

Answer: 8

15. How many students scored between 96% - 100% on the quiz?

1. 3
2. 4
3. 5
4. 6

Answer: 6

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