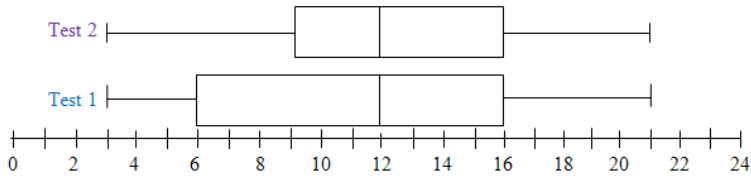
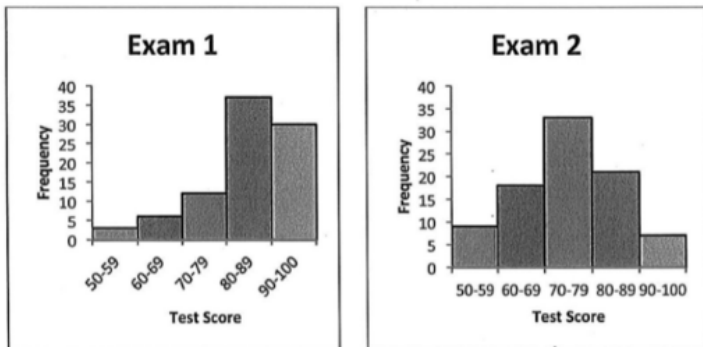


The following box and whisker plots show the test scores of two different tests given in a math class.



1. What is the IQR (Inter-Quartile Range) for each test?
2. What is the lower quartile for each test?
3. What is the median for each test?
4. What is the upper quartile for each test?
5. If there are 5 tests in quartile 1 for test # 1, then how many tests are in quartile 2? Explain how you know.

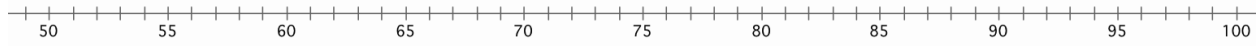
The two histograms below show the scores of two exams in a math class.



6. Which exam would have the higher average? How do you know?
7. Write a statement to compare the two tests.

8. Make a box-and-whisker plot for the following test scores.

60, 64, 68, 68, 72, 76, 76, 80, 80, 80, 84, 84, 84, 84, 88, 88, 88, 92, 92, 96, 96, 96, 96, 96, 96, 96, 100, 100



9. What is the IQR (Inter-Quartile Range) of the data?

10. What percent of the data lies in the IQR?

Use the data below to answer the following questions.

60, 64, 68, 68, 72, 76, 76, 80, 80, 80, 84, 84, 84, 84, 88, 88, 88, 92, 92, 96, 96, 96, 96, 96, 96, 96, 100, 100

9. Make a frequency table of the data using an interval of 5.

10. Make a histogram of the table you just created.

Score	Frequency
60 - 64	
65 - 69	
70 - 74	
75 - 79	
80 - 84	
85 - 89	
90 - 94	
95 - 99	
100-104	

