Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_

***Graphing Activity 5***

*In order to better prepare you to read and analyze information presented in charts, tables and graphs, we’ll be completing a series of graphing mini-lessons this year. This is the one of those activities. Please look at the graph below and then answer the four multiple choice questions found at the bottom of the page. Remember that our goal is for our team to answer 88% of our graphing questions correctly, so your answers are important!*

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| SAT Test Scores of College Bound H.S. Seniors, 1967 vs. 1999 | |
| ***Question 1:*** *Which of the following is a fact that is shown by the graph?*   1. The SAT test has gotten easier. 2. Boys are clearly more intelligent than girls. 3. The average student has become smarter. 4. Girls hate math, so they don’t do as well on the test. | ***Question 3:*** *Why doesn’t the graph show scores < 420?*   1. The average scores were all > 420. 2. No one scored < 420. 3. Scores < 420 don’t count. 4. We are only interested in scores > 420. |
| ***Question 2:*** *If the trend continues, which would not expect to be shown in the 2031 test results?*   1. The Total Verbal score to be above 540. 2. The Total Math score to be above 540. 3. The Boys’ Math score will be above the Total Math Score. 4. The gap between the Girls’ Math score and the Boys’ Math score will decrease. | ***Question 4:*** *Which of these reasons best explains the increase in scores shown on the graph?*   1. None of the following. 2. The educational act, No Child Left Behind, of 2001 is working. 3. Teachers are doing a better job teaching and preparing students for the test. 4. All the hippies that took the test in 1967 brought the scores down, otherwise they would have been higher. |