

SAT Performance

This is the first of two related Tasks. In these Tasks you will investigate four questions about students' SAT scores at one high school.

1. What is the mean SAT-Math score at this high school?
2. How do these students' SAT Math scores stack up against the rest of the state?
3. Is there a significant difference between Verbal and Math scores for these students?
4. Nationally males tend to have higher Math scores than females. Is that true at this high school, too?

You have a copy of data from the SAT Score Roster sent to the high school by the College Board. It shows gender, Verbal scores, and Math scores, for 303 students in a recent graduating class.

NOTE: You will not use all of these data, just a sample of 20 – 30 students.

Your current assignment: investigate the first two questions posed above.

- ❑ Draw a sample of these students, carefully explaining your procedure.
- ❑ Use your sample to create a 95% confidence interval for the mean SAT-I Math score at this high school.
- ❑ Based on your confidence interval, compare the performance of these students with the statewide mean Math score of 503.
- ❑ Prepare a written report that includes complete demonstrations of the statistical procedures you use and your conclusions (in context, of course).

Important: Save the Score Roster and your sample. You'll be using them to answer the other two questions in the next Investigative Task – coming soon to a Statistics class near you.

Ap Statistics Investigative Task Chapter 23 Sat Performance Answer Key

VM Jensen



Ap Statistics Investigative Task Chapter 23 Sat Performance Answer Key:

Unveiling the Power of Verbal Beauty: An Emotional Sojourn through **Ap Statistics Investigative Task Chapter 23 Sat Performance Answer Key**

In some sort of inundated with screens and the cacophony of fast interaction, the profound energy and emotional resonance of verbal artistry frequently disappear into obscurity, eclipsed by the continuous onslaught of noise and distractions. However, situated within the lyrical pages of **Ap Statistics Investigative Task Chapter 23 Sat Performance Answer Key**, a captivating function of fictional splendor that pulses with fresh thoughts, lies an unforgettable trip waiting to be embarked upon. Penned by a virtuoso wordsmith, that mesmerizing opus instructions viewers on an emotional odyssey, lightly exposing the latent potential and profound affect embedded within the complicated web of language. Within the heart-wrenching expanse of the evocative analysis, we shall embark upon an introspective exploration of the book is main subjects, dissect their interesting publishing type, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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