

Activity Overview:

Focus Words in Math

previous (adj) - the one that came before. The math skills used in seventh grade build on skills learned the previous year, in sixth grade.

prerequisite (n) - something needed beforehand. Passing sixth grade math is a prerequisite for moving on to seventh grade math. Knowing how to add, subtract, multiply, and divide are prerequisites for doing algebra.

Activity Overview:

Math Problem of the Week

Parents and teachers at Orange Tree High School were worried about how school sports affected students' grades. Many adults wanted to make good grades a prerequisite for playing school sports. This year, a new rule was made. Students had to maintain a B average to be eligible for sports. Below are the math grades of the five starters on the girls' basketball team. The second column shows the math grades during the year after the rule was made, and the first column shows the math grades the previous year.

Math Grades Before the Rule	Math Grades After the Rule
80	96
81	82
98	84
92	95
80	92

- What was the mean math grade for the five starters before the rule was made?
 - 81
 - 83.4
 - 92.1
 - 86.2 *
- The mean math grade after the rule was made was 89.8. Was the mean math grade higher after the rule was made, or was it higher the previous year?
 - It was higher after the rule was made.*
 - It was higher the previous year