

STUDENT REPORT: Lastname, Firstname

GRADE: 10 Mathematics / STATE ID: 1111111111

SCHOOL: Abilene High School

DISTRICT: Abilene / #D0435

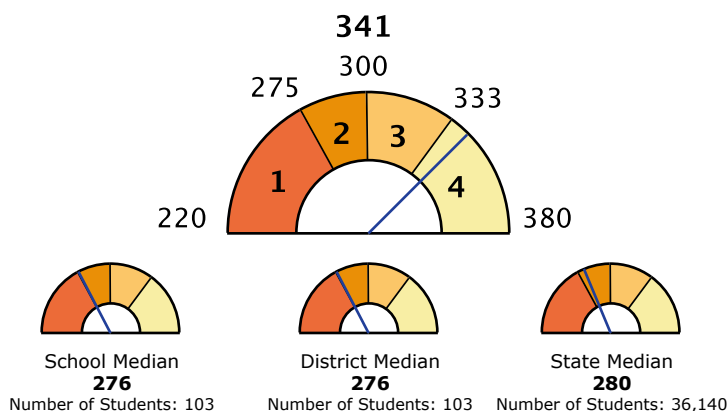


The KAP assessments measure students' understanding of the Kansas College and Career Ready Standards at each grade. The math assessment asks students to answer computation questions and questions about data presented in word problems, equations, graphs, tables, and diagrams. Students may show what they know about mathematics by selecting or providing the right answer, sorting or ordering items, creating graphs, and labeling pictures.

Mathematics Score: Level 4



Your student's performance level from last year is not available.



Students who score at this level can typically

- ▶ add, subtract, and multiply polynomials (expressions that include variables and exponents)
- ▶ rearrange advanced equations and formulas for a specified quantity
- ▶ solve quadratic equations with complex roots
- ▶ interpret key features of graphs and functions
- ▶ complete and revise proofs
- ▶ apply formulas in multistep real-world problems
- ▶ interpret data and explain differences related to the normal curve
- ▶ use the standard deviation of a data set to fit a normal distribution

Standard error of measurement for this report:

Student — 10.0 | School — 2.6 | District — 2.6 | State — 0.2

The standard error indicates how much a student's score might vary if the student took many equivalent versions of the test (tests with different items but covering the same knowledge and skills).

Performance Level Descriptions

Level 1: A student at Level 1 shows a limited ability to understand and use the mathematics skills and knowledge needed for college and career readiness.

Level 2: A student at Level 2 shows a basic ability to understand and use the mathematics skills and knowledge needed for college and career readiness.

Level 3: A student at Level 3 shows an effective ability to understand and use the mathematics skills and knowledge needed for college and career readiness.

Level 4: A student at Level 4 shows an excellent ability to understand and use the mathematics skills and knowledge needed for college and career readiness.

For more details about how your student performed on specific types of test questions, see the back of this report. →

Your Student's Performance

+ Exceeds

= Meets

− Below

✖ Insufficient Data

OVERALL CONCEPTS AND PROCEDURES

+ In this area, your student performed better than students who received the minimum Level 3 score. These questions require students to explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.

CONCEPTS AND PROCEDURES: Geometry

+ In this area, your student performed better than students who received the minimum Level 3 score. These questions require students to describe the features of geometric figures, compare figures, apply geometric theorems, and solve real-world problems by knowing formulas and applying them to figures.

CONCEPTS AND PROCEDURES: Algebra

+ In this area, your student performed better than students who received the minimum Level 3 score. These questions require students to solve complex equations; construct, interpret, and graph equations that model data and represent relationships; and use equations to solve real-world problems.

MODELING AND DATA ANALYSIS

+ In this area, your student performed better than students who received the minimum Level 3 score. These questions require students to analyze complex, real-world situations, to construct and use mathematical models to solve problems, and to interpret results in the context of a situation.

COMMUNICATING REASONING

+ In this area, your student performed better than students who received the minimum Level 3 score. These questions require students to explain their reasoning, defend their answers, critique the reasoning of others, and ask clarifying questions.

Additional Resources

For sample test questions, information about the Kansas College and Career Ready Standards, and information about the Kansas Assessment Program, visit ksassessments.org. For score report information, visit ksassessments.org/scorereports.

ACT Scoring To get an idea of how your high school student may perform on the ACT based on this KAP score, refer to this chart. For more information, go to ksassessments.org/act .	Student's actual KAP grade 10 math score	Student's projected ACT math score
	Level 1:220-274	1-19
	Level 2:275-299	19-22
	Level 3:300-332	23-27
	Level 4:333-380	28-35

Quantile® Measure

Your student's score:
1405Q

The Quantile measure provides a score that describes your child's level of mathematical ability and the difficulty of a skill or concept as it relates to other mathematical skills and concepts your child is learning. The score shows your child's readiness for instruction regarding a particular mathematical skill or concept.

