WHAT IS THE QUANTILE FRAMEWORK?

The Quantile Framework for Mathematics is a scientific approach to measuring mathematics learning. Recognized as the standard for matching a student’s mathematics ability with the mathematics demand of instructional materials, Quantile® measures connect K-12 learners with resources at the right level of challenge. Quantile measures provide a clear way to monitor progress toward state performance standards.

WHAT IS A QUANTILE MEASURE?

TODAY'S LESSON: PROPERTIES OF QUADRILATERALS

My Quantile measure is 9500. I’m going to be challenged with an enrichment activity.

Enrichment Activity (1000Q)

Polygon KLMNP is concave.

Which segment, with endpoints on the interior of the polygon, shows that KLMNP is concave?
ON TARGET

My Quantile measure is 670Q. I'm ready for today's lesson.

TODAY'S LESSON (680Q)
Which quadrilateral is a rectangle and a rhombus?

6 cm
9 cm
14 cm
9 cm

BELOW TARGET

My Quantile measure is 500Q. I need help preparing for this topic. I will review angles.

PREREQUISITE ACTIVITY (530Q)
Which angle appears to be an acute angle?

HOW DOES A STUDENT RECEIVE A QUANTILE MEASURE?

Over 19 popular math assessments and programs, including 4 state assessments, report Quantile measures.

- aimsweb
- McGraw Hill
- CTB McGraw-Hill
- ERB
- fueleducation
- i-Ready
- THE IOWA TESTS
- Math Inventory
- TTM
- VOYAGER SOPRIS LEARNING
Who receives Quantile measures?

Over 10 million students are receiving Quantile measures in all 50 states.

Content that has received a Quantile measure

The Quantile Framework has defined over 550 mathematics skills and/or concepts. Each of these has a measure. Each measure shows how difficult one skill or concept is in relation to the others.

More than 600 textbooks and software programs with over 80,000 lessons have been calibrated to the Quantile scale.

Over 3,100 online and downloadable resources have been calibrated to the Quantile scale.
WHERE TO FIND QUANTILE MEASURES FOR RESOURCES

Many popular content publishers provide Quantile measures for their materials.

The products and publishers referenced here are only a sampling of those that report Quantile measures for their materials and activities. To view a complete list, visit "Find Your Textbook" on Quantiles.com.

IN THE CLASSROOM
- Math Skills Database
- Find Your Textbook
- Quantile Teacher Assistant

AT HOME
- Summer Math Challenge
- Math@Home

Visit Quantiles.com to access the resources listed.