



## 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



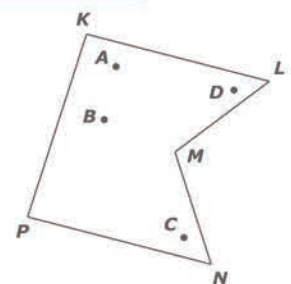
ABOVE TARGET

My Quantile measure is **950Q**. 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?



700Q  
600Q  
500Q

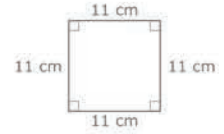
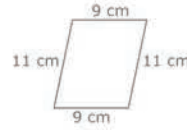
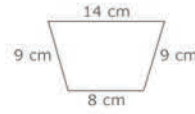


**ON TARGET**

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

**TODAY'S LESSON (680Q)**

Which quadrilateral is a rectangle and a rhombus?



**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™  
the new power of learning

i-Ready®

THE IOWA TESTS™  
Measurement You Can Trust™  
Innovation You Can Use

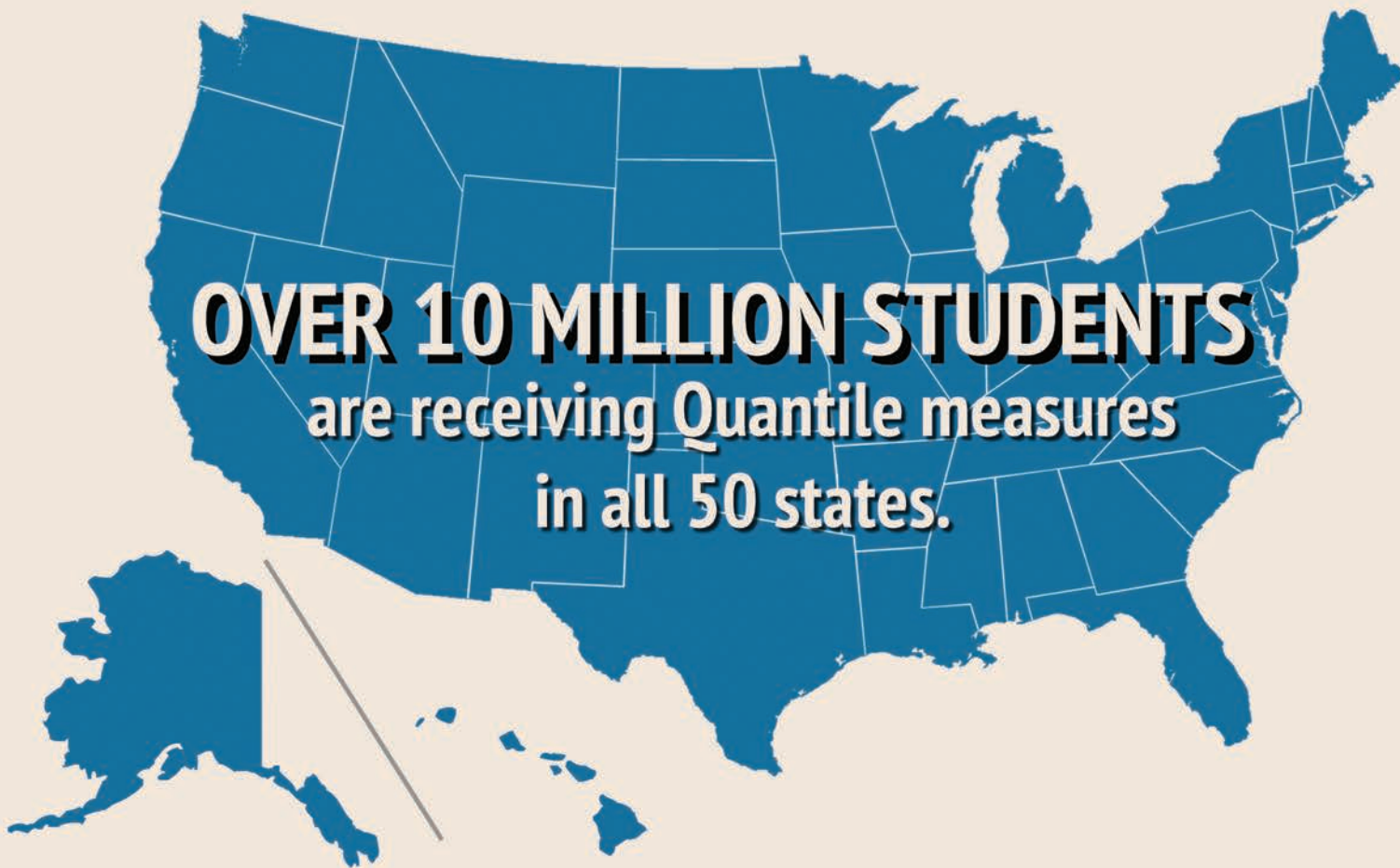
Math Inventory™

T T M  
Think Through Math

VOYAGER SOPRIS LEARNING™

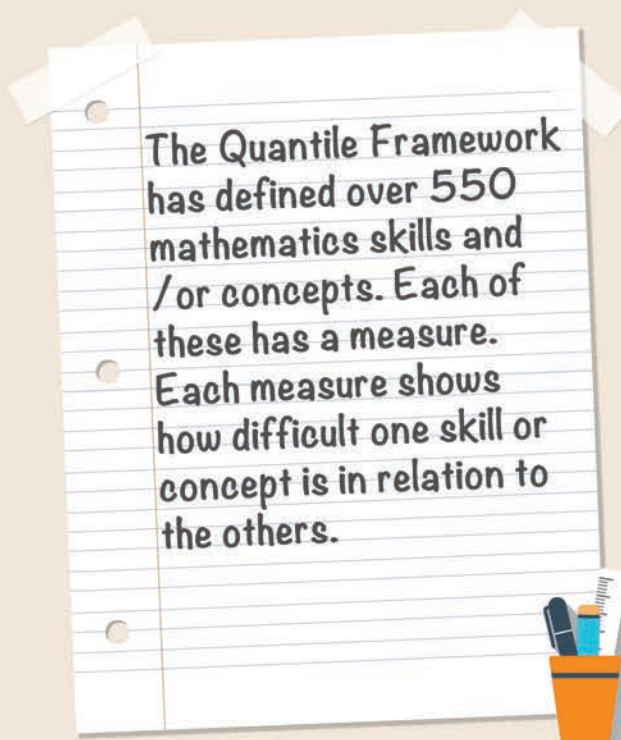


# WHO RECEIVES QUANTILE MEASURES?

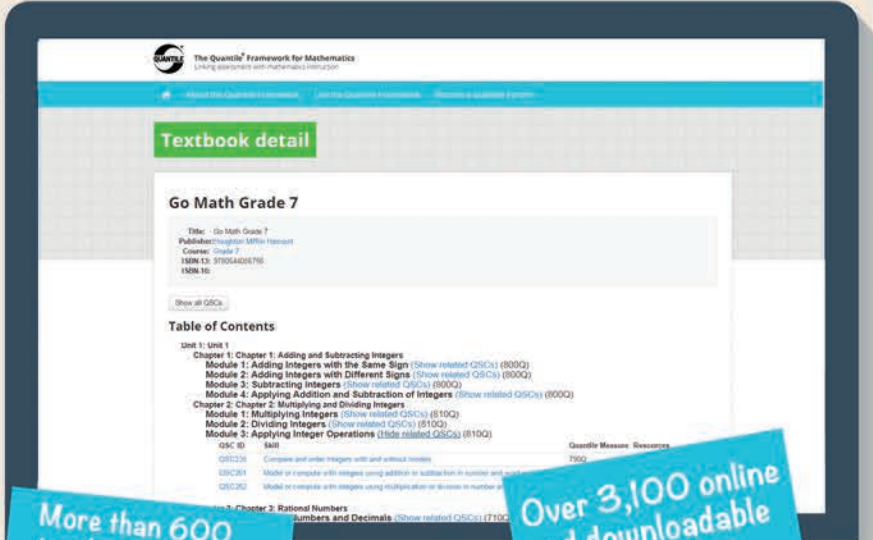


**OVER 10 MILLION STUDENTS**  
are receiving Quantile measures  
in all 50 states.

# 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.



**Textbook detail**

**Go Math Grade 7**

Title: Go Math Grade 7  
Publisher: Houghton Mifflin Harcourt  
Course: Grade 7  
ISBN 13: 9780420267810  
ISBN 10:

Show all QSCs

**Table of Contents**

Unit 1: Unit 1

- Chapter 1: Chapter 1: Adding and Subtracting Integers
  - Module 1: Adding Integers with the Same Sign (Show related QSCs) (800Q)
  - Module 2: Adding Integers with Different Signs (Show related QSCs) (800Q)
  - Module 3: Subtracting Integers (Show related QSCs) (800Q)
  - Module 4: Applying Addition and Subtraction of Integers (Show related QSCs) (800Q)
- Chapter 2: Chapter 2: Multiplying and Dividing Integers
  - Module 1: Multiplying Integers (Show related QSCs) (810Q)
  - Module 2: Dividing Integers (Show related QSCs) (810Q)
  - Module 3: Applying Integer Operations (Hide related QSCs) (810Q)

QSC ID: 8488

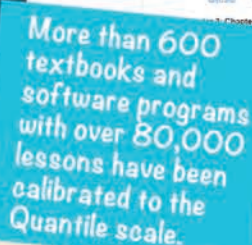
QSC230: Compare and order integers with and without models.

QSC231: Model or translate with integers using addition or subtraction in number and on a number line.

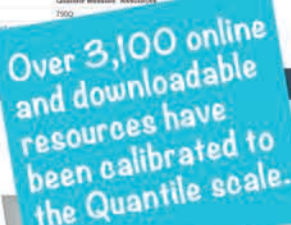
QSC232: Model or compute with integers using multiplication or division in number and on a number line.

Chapter 3: Rational Numbers and Decimals (Show related QSCs) (710Q)

Quantile Measure Resources



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.

 Marshall Cavendish

 BIG IDEAS  
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 T T M  
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Graw  
Hill  
Education

 Houghton  
Mifflin  
Harcourt.

 VOYAGER SOPRIS  
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 PEARSON

 Carnegie Learning >

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](http://Quantiles.com).



## IN THE CLASSROOM



**Math Skills Database**  
**Find Your Textbook**  
**Quantile Teacher Assistant**

## AT HOME



**Summer Math Challenge**  
**Math@Home**

Visit [Quantiles.com](http://Quantiles.com) to access the resources listed.