

***Family Night –
Math Strategies***

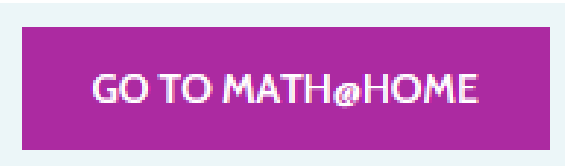
Hal Hutchens Elementary
February 9, 2021

Math Inventory

- ▶ The Math Inventory is a computerized test that results in a score, or Quantile® , that indicates how well a student understands mathematical skills and concepts along a developmental continuum. A student who scores at the Proficient level by the end of the school year is considered to be performing on grade level and is on track to meet the demands of college and career by the end of high school.
- ▶ Test Administration - 3 times a year (August, December/January, May)



Quantile Resource

- ▶ <https://www.quantiles.com/parents-students/find-math-resources-to-support-classroom-learning/mathhome/> or <http://tinyurl.com/hutmath>
- ▶ Click on A purple rectangular button with a white border containing the text "GO TO MATH@HOME" in white, uppercase letters.
- ▶ Enter Student's Information from their Math Inventory Score Report
 - ▶ Use the Instructional Recommendations section to pick out keywords (i.e. Numbers and Operations, Algebraic Thinking, Patterns, etc.)

Fourth Grade Math Compact Goal

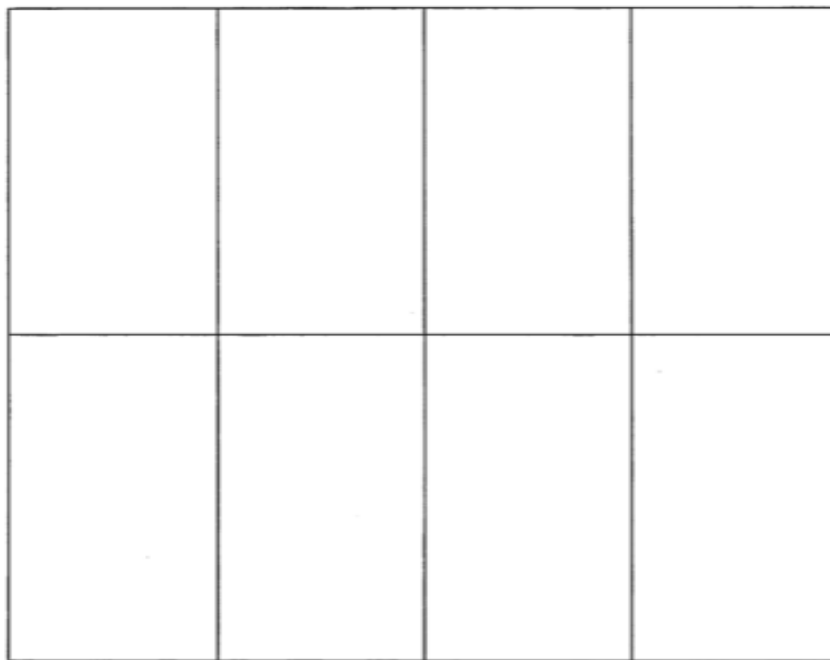
- ▶ Mastery of at least 19 out of the 27 math standards.

Number Talks

Reproducible 2, cont'd

Can you see $\frac{1}{4}$ of the whole? Can you see $\frac{1}{4}$ in a different way? How can you prove your thinking?

B.



$$\frac{1}{4} ?$$

$$\frac{2}{8} ?$$

Math Strategy Modeling

There are 25 dozen cookies in the bakery. What is the total number of cookies at the bakery?

Math Strategy Modeling


There are 592 students participating in Field Day. They are put into teams of 8 for the competition. How many teams are created?

Fun Ideas for Fact Fluency Practice

- ▶ Dude's Dilemma - <http://teacher.scholastic.com/activities/adventure/math1.htm#>
- ▶ Multiplication War - Use two decks of cards and multiply to get the product. Whoever has the highest product wins.
- ▶ Education Galaxy - My Skill Practice- www.educationgalaxy.com/login
- ▶ Roshambo (Math version of Paper, Rock , Scissors) - Each person puts out a number and the person to say the correct product of the two numbers first wins.
- ▶ Multiplication Roll'Em - Roll a pair of dice and multiply to get the product. Whoever has the highest product wins.
- ▶ Playdough Arrays - Create arrays that match the multiplication fact.
- ▶ Multiplication Songs - Flocabulary, YouTube, School House Rock
- ▶ Tic Tac Times - <https://ipadthinker.com/math/ticTacTimes.html>
- ▶ App- Sushi Monster



Typing Club LOGIN on CLEVER

- ▶ <https://www.typingclub.com/>
- ▶ Click on  in top right hand corner of webpage
- ▶ Creating a login will allow students to continue their progress the next time they login back in.
- ▶ Georgia Milestones Assessment for 3rd - 5th is administered on the computer. Students must type their constructed responses and the writing component.

Education Galaxy



► www.educationgalaxy.com

Username - Student ID # + hes (lunch #)

Password - Student ID # (lunch #)

Resource for student skill practice at home
in Reading, ELA, and Math

