

# DOMA Basic Math Skills

Diagnostic Online  
Math Assessment

## The *DOMA* Difference

Let's Go Learn's *Diagnostic Online Math Assessment (DOMA)* brings the best practices in math assessment into an intelligent online application. *DOMA Basic Math Skills* performs an analysis of each student's K-5 numeric computation and measurement skills, providing a means of accelerating mathematics remediation for students who are at risk or performing below grade level. Let's Go Learn's goal is to move beyond simple standards analysis and look for fundamental sources of difficulties. *DOMA Basic Math Skills* is aligned with NCTM and state standards and features adaptive interfaces that are automatically employed to engage learners of different ages.

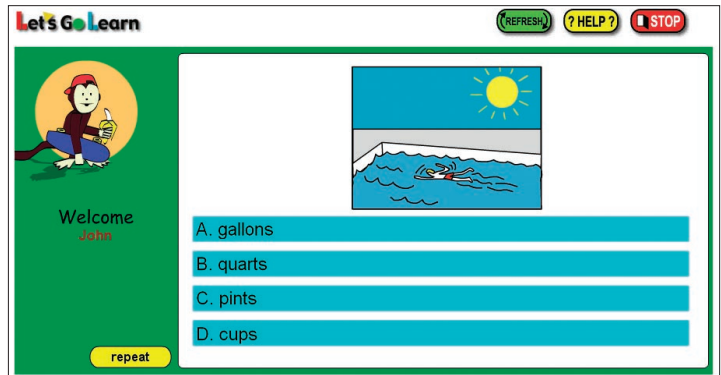
## How it Works

*DOMA Basic Math Skills* is a comprehensive, valid and reliable web-based assessment that diagnostically assesses students' math abilities. The adaptive nature of the assessment maximizes the useful information that teachers receive while reducing the total assessment time for students.

*DOMA Basic Math Skills* assesses students' K-5 math abilities, including:

- Number skills, from number recognition to calculations of fractions and decimals
- Measurement skills, including time, money, units of measurement, capacity, area, etc.

The individual math profile generated for each student enables teachers to clearly identify specific math constructs in need of targeted instruction.



Elementary, middle and high school graphical interfaces engage students of all ages

## Fast, Powerful Results

DOMA's web-based platform allows for practical school or district-wide assessments that lead to dramatic math score improvement as well as time and cost savings. *DOMA Basic Math Skills* is appropriate as a screening or diagnostic tool for students in grades K-5 and remedial math students.

Individual student and classroom reports are instantly available for teachers and administrators to download, view or print. These reports may be used to:

- Guide classroom instruction via small groups
- Easily share students' math profiles with parents and prescribe activities for home instruction
- Deliver accurate measures of student progress and standards achievement to schools and districts

## Useful Classroom Tools

*DOMA's* easy-to-navigate student management system sorts students in order of performance on each sub-skill to facilitate targeted instruction. Detailed Summary and Standards reports simplify the evaluation and sharing of information with parents, tutors, teachers, and specialists. The student management system also tracks students' subsequent assessment scores and measures improvement.

First Name	Last Name	Grade	Last Assess.	Prev. Assess.	Numbers Strand	Fractions Strand	Measurement Strand	Detailed Reports
		help	help	help	help	help	help	help
sort	sort	sort	sort	sort	sort	sort	sort	sort
Allan	Delforge	2	3/6/2005	Yes	3.83	2.3	2.5	Summary, Standards
Erik	Green	2	3/5/2005	Yes	2.5	3.4	1.5	Summary, Standards
Molly	Hunt	2	3/5/2005		2.17	2.5	2.17	Summary, Standards
Michael	Nelson	2	3/5/2005	Yes	3.83	1.2	2.17	Summary, Standards
Spring	McCall	2	2/27/2005		1.17	3.4	0.5	Summary, Standards
Ann	Stegner	2	2/3/2005		2.0	3.3	1.17	Summary, Standards
Danny	Swanson	2	3/11/2005		1.17	1.4	*	Summary, Standards

## Customer Spotlight



We needed a diagnostic assessment that was efficient and easy for our teachers and families to use in order to gauge annual student progress and guide instruction throughout the year. We now are able to get accurate profiles of all of our students with [Let's Go Learn's] interactive and highly informative assessments and reports.

**Dr. Steven Guttentag, Chief Education Officer**  
Connections Academy, Baltimore, Maryland

### Benefits for Connections Academy:

- Accurate and reliable diagnostics to guide instruction
- Easy to use with little training required
- Tangible means for parents to monitor children's progress

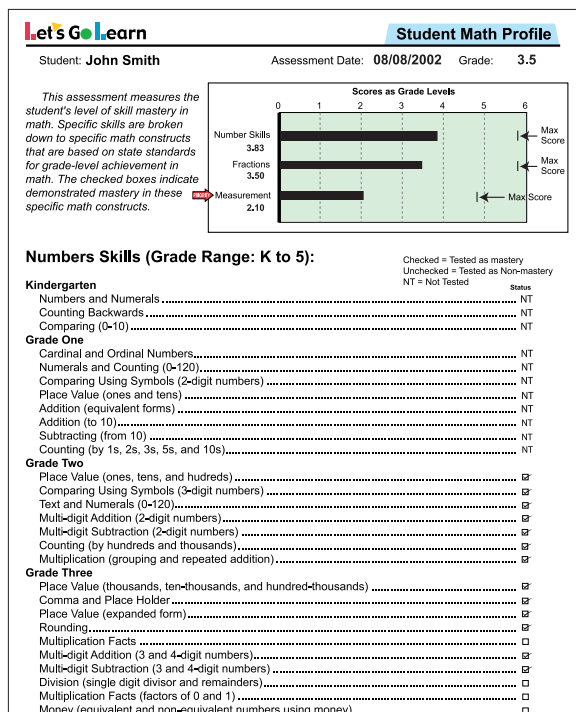
## Just the Facts

- Used to perform assessments nationwide
- Integrates with core curriculum and supplemental materials
- Aligned with state standards and NCLB requirements
- Statistically validated for reliability, using conventionally accepted measures of assessment
- Research-based and developed by acknowledged math experts from UC Berkeley

### Diagnostic Reports Guide Instruction

The *DOMA Basic Math Skills* diagnostic report helps guide instruction by uncovering students' strengths and weaknesses. The report is immediately available when the student completes the assessment and teachers may log in to their accounts and view, print, or email the PDF files.

The *DOMA Basic Math Skills* diagnostic report is straightforward and easy to read. It quickly shows a graphical view of the student's abilities and then delineates his or her mastery of individual math skills and tasks.



**Let's Go Learn** Student: Anne Thompson Assessment Date: 1/2/2006

**Ohio Academic Standards: Mathematics**  
Adopted 2001

**Kindergarten**  
Number, Number Sense and Operations Standard

**Number and Number Systems:** Mastery

- Compare and order whole numbers up to 10.
- Count to twenty; e.g., in play situations or while reading number books.
- Determine how many in sets (groups) of 10 or fewer objects.
- Relate, read and write numerals for single-digit numbers (0 to 9).
- Compare the number of objects in two or more sets when one set has one or two more, or one or two fewer objects.
- Represent and use whole numbers in flexible ways, including relating, composing and decomposing numbers; e.g., 5 marbles can be 2 red and 3 green or 1 red and 4 green.
- Identify and state the value of a penny, nickel and dime.
- Model and represent addition as combining sets and counting on, and subtraction as take-away and comparison. For example: Combine and separate small sets of objects in contextual situations; e.g., add or subtract one, two, or another small amount.
- Model and represent addition as combining sets and counting on, and subtraction as take-away and comparison. For example: Count on (forward) and count back (backward) on a number line between 0 and 10.
- Demonstrate joining multiple groups of objects, each containing the same number of objects; e.g., combining 3 bags of candy, each containing 2 pieces.
- Partition or share a small set of objects into groups of equal size; e.g., sharing 6 stickers equally among 3 children.

**Measurement Standard**  
**Measurement Units**

- Identify units of time (day, week, month, year) and compare calendar elements; e.g., weeks are longer than days.

**Use Measurement Techniques and Tools**

- Measure length and volume (capacity) using uniform objects in the environment. For example,
- Measure length and volume (capacity) using uniform objects in the environment. For example,
- Order events based on time. For example: a. activities that take a long or short time; b. review what we do first, next, last; c. recall what we did or plan to do yesterday, today, tomorrow.

**Grade 1**  
Number, Number Sense and Operations Standard

**Number and Number Systems**

- Use ordinal numbers to order objects; e.g., first, second, third.

### An OAASIS™ from Traditional Assessment

Administrators and teachers who need refuge or relief from time and labor-intensive assessments now have a solution. *OAASIS™*, Let's Go Learn's *Online Adaptive Assessment System for Individual Students*, is a proprietary technology-based assessment platform that simultaneously tests and reports on multiple skills while adapting to each learner's individual ability in real time as a human would. *OAASIS* serves as the foundation for Let's Go Learn's solutions, including *DORA*, *Unique Reader*, *DOMA Basic Math Skills*, *DOMA Pre-Algebra*, *DOMA Algebra*, and *Unique Math*.

### Related Let's Go Learn Solutions

*Unique Math* offers differentiated online math instruction attached to the *DOMA* assessment. *DORA* is a complementary reading assessment that creates a unique reading profile for each student.

### Getting Started

To speak with a customer service representative or request a free trial, please contact us today:

Phone 1-866-618-MATH (6284)  
Web www.letsoglearn.com  
Email sales@letsoglearn.com  
Free Trial www.letsoglearn.com/trial.html