

Administrators!

How can you be sure that your students are ready for the state Assessments [Texas STAAR and EOC, Florida EOC, FCAT, FCAT 2.0, New York Mathematics Regents Exams, and Common Core Math Assessments]?

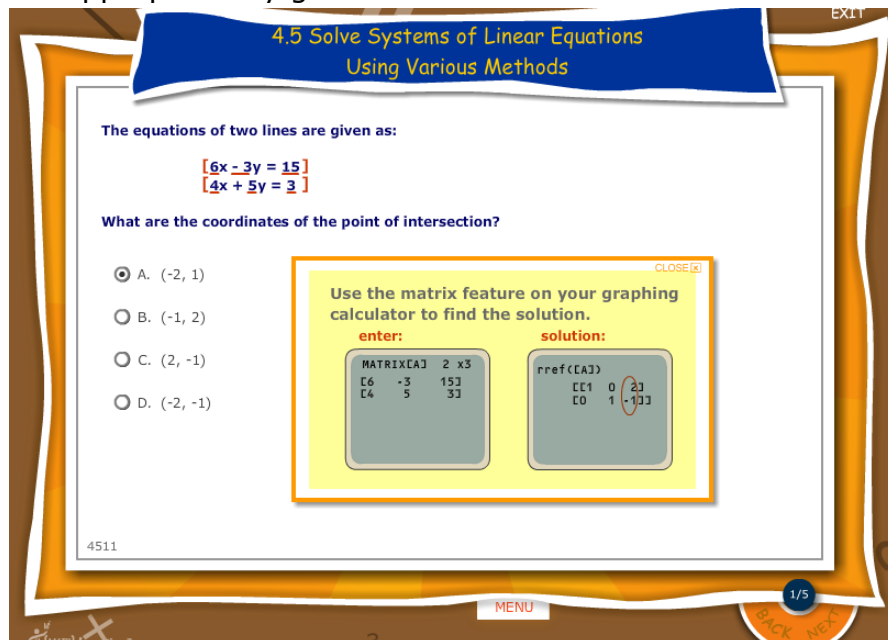
Do you have:

- New Teachers
- Experienced Teachers
- Permanent Substitutes
- Intervention Teachers
- Homeschoolers
- Any teachers needing assurance that their students are ready

We can help!

MathImagine™

- Created by National curriculum leaders who live and breathe state math standards and assessment development
- Thousands of questions for each objective with immediate animated feedback
- Grades 5 through Geometry built on the math standards for the Texas STAAR and EOC, Florida EOC, FCAT, FCAT 2.0, New York Mathematics Regents Exams, and Common Core Math Assessments (a license provides access to ALL grade level products)
- Questions asked in MANY different ways, to help ensure mastery and preparedness for testing
- Design that benefits all students, including at-risk and English learners populations
- Interactive lessons that scaffold student understanding and creates success via a problem solving process. Lessons also include integration of graphing calculator steps when appropriate by grade levels and assessments.



4.5 Solve Systems of Linear Equations
Using Various Methods

The equations of two lines are given as:

$$\begin{cases} 6x - 3y = 15 \\ 4x + 5y = 3 \end{cases}$$

What are the coordinates of the point of intersection?

A. (-2, 1)

B. (-1, 2)

C. (2, -1)

D. (-2, -1)

Use the matrix feature on your graphing calculator to find the solution.

enter:

MATRIX[A]	2	x3
[6	-3	15]
[4	5	3]

solution:

rref([A])		
[E1	0	2]
[E2	1	-1]

4511

MENU

1/5

BACK

EXIT

- Problem Solving that's imperative for success on Texas STAAR and EOC, Florida EOC, FCAT, FCAT 2.0, New York Mathematics Regents Exams, and Common Core Math Assessments.

2.3 Interpret Situations in Terms of Graphs

Which situation best represents the graph?

A. Matt wanted to buy new speakers for his car. He found a package deal on sale for \$200. He paid a \$50 deposit to hold the speakers until his next paycheck in one week. In one week he paid off the balance.

B. During the summer, Katie babysat the 3 children of a neighbor. Her earnings were \$50 per week.

C. Sarah found the perfect prom dress at a local department store for \$200. Sarah put the dress on layaway with a \$50 deposit from her mother. Payments were \$25 per week until the balance was paid off.

D. Isaac was saving for a plane ticket to go see his cousins in Los Angeles during July. The ticket cost \$200. Isaac's father gave him \$25 and he saved \$50 per week from his summer job paychecks.

Since Matt paid off the purchase the first week, the graph should go through $y = 200$, when $x = 1$

CLOSE [x]

1/5

MENU

2312

- Lots of reporting features! You'll be able to easily track which math standards and objectives students have mastered and which still need practice.

Student	4.3	4.4	4.5	4.6	5.1	5.2	5.3
John Smith							
Aretha Manning							
Jose Rodriguez		80	80	80			
Maria Gonzalez		100	60,100	100			
Denise Charming		60,60,100	20,80	40,60,80			
Victoria Blandon		100,80	80,20	20			
George Jonas		80,80	80				
Jennifer Alias		20,80,80	60,60,80	20,60,100			
Nigel Burns		100	80	60,80			

4.5 Solve systems of linear equations using models, graphs, tables, and algebraic methods [A.8 B Readiness]

Let us present this math solution for student math success to your math leaders. We know they'll approve!

L&M Instructional Resources
info@LMmath.com