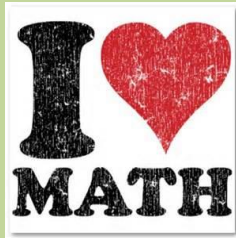




# What to know about the Mathematics Grades 3-5 FSA

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Dear Manatee County Families,

The new Florida Standards are being tested in the spring of 2015. The Florida Standards Assessment (FSA) is replacing the FCAT 2.0. Here is what to expect with new assessments.

**Q: Which subjects and grades does this affect?**

**A:** \*English Language Arts: Grades 3-11

\*Mathematics: Grades 3-8

**Q: When will the new standards be tested?**

**A:**

Grades	Subject	Dates
Grades 3-4	ELA and Math	March 23-April 10, 2015
Grades 5-8	ELA and Math	April 13-May 8, 2015

**Q: How are the tests different from last year?**

**A:**

- The Test will be more rigorous with greater item complexity to reflect the goal of better preparing students for college and career readiness.
- There will be multiple correct answers
- Equation responses (open ended)
- Fifth grade will take it on a computer
- The Number of items will increase by 6-10 questions.
- The test duration will increase by 20 minutes. (two session equal to 160 minutes )

## SAMPLE FSA QUESTIONS

MORE INFORMATION CAN BE FOUND AT:

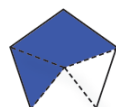
[HTTP://WWW.FSASSESSMENTS.ORG/](http://www.fsassessments.org/)

A pentagon is shown in the answer space.

A. Select sections of the pentagon to shade an area that is greater than  $\frac{1}{2}$  and less than 1

B. What fraction of the pentagon is shaded? Drag a number into each box to show the shaded area.

0	A. Shade an area greater than $\frac{1}{2}$ and less than 1
1	
2	
3	
4	
5	
6	
7	
8	
9	



B. Area shaded	
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Select all the expressions that have the same value as  $30 \div 10$ .

- A  $1 \times 3$
- B  $10 \div 30$
- C  $30 \times 10$
- D  $30 \div 10 \div 1$
- E  $30 \div (2 \div 5)$
- F  $(30 \div 2) \div 5$

A bakery uses 48 pounds of flour each day. It orders flour every 28 days.

Create an equation that shows how many pounds of flour the bakery needs to order every 28 days.

Which is another way to represent 48?

- A  $4 \times (6 \times 2)$
- B  $4 \times (6 + 2)$
- C  $(2 \times 4) \times (6 + 8)$
- D  $40 \times 8$

7 Two flowers are pictured below. On Flower A,  $\frac{1}{2}$  of the petals are shaded. On Flower B,  $\frac{2}{5}$  of the petals are shaded.

Flower A      Flower B



$\frac{1}{2}$

$\frac{2}{5}$

Which inequality below correctly compares the fractions of petals that are shaded.

- A  $\frac{1}{2} > \frac{2}{5}$
- B  $\frac{1}{2} < \frac{2}{5}$
- C  $\frac{2}{5} > \frac{1}{2}$
- D  $\frac{2}{5} < \frac{1}{2}$





Grade	Reporting Category	FSA: Percentage of Assessment by point
3	Operations, Algebraic Thinking, and Numbers in Base Ten	48%
	Numbers and Operations—Fractions	17%
	Measurement, Data, and Geometry	35%
4	Operations and Algebraic Thinking	21%
	Numbers and Operations in Base Ten	21%
	Numbers and Operations—Fractions	25%
	Measurement, Data, and Geometry	33%
5	Operations, Algebraic Thinking, and Fractions	39%
	Numbers and Operations in Base Ten	28%
	Measurement, Data, and Geometry	33%

### Items Types That Could Be Found On the FSA

Mathematics Item Types
<b>Equation:</b> Short-answer open-ended item with "math answer" (numbers, expressions, equations, etc.).
<b>Natural Language:</b> Open-ended item with "text answer" (sentences, explanations, etc.).
<b>Multiple Choice:</b> Always at least four answer choices.
<b>Multi-select:</b> Always five or six answer choices, with at least two correct.
<b>Table:</b> Students fill in missing cells in tables.
<b>Graphic/Drag and Drop:</b> Open-ended item; students fill in missing information, given a word bank, number bank, and/or symbol bank.
<b>Graphic/Hot Spot:</b> Open-ended item; students are given a partially completed model, graph, number line, drawing, etc., and must fill in missing information.
<b>Graphic/Drawing/Graphing:</b> Open-ended item; students are given an empty coordinate grid, number line, page of graph paper etc., and must draw/graph to complete the problem.
<b>Matching:</b> Formatted in a table; students match numbers, expressions, etc., in row heads

## How Can I Help My Child Be

### Successful on FSA?

MORE INFORMATION CAN BE FOUND AT:

<http://www.fsassessments.org/wp-content/uploads/2014/09/Florida-Family-Brochure-v6-2.pdf>

- Have fifth grade students go online and take the practice FSA online assessment.  
<http://www.fsassessments.org/training-tests>
- Ask open ended questions  
 “What did you do at school today?”  
 “Explain how you solved that problem”  
 “Why did you answer that problem using that strategy?”  
 “How do you know that is the correct answer?”
- Build skills across grade levels
- Use math facts easily (Multiplication, Division)
- Use math in the real world.  
 For example:  
 -Cooking/Baking  
 -Gas Mileage  
 -Speed/Distance  
 -Building/construction  
 -Gardening/Planting  
 -Shopping (percent’s, discounts, coupons)

