

# STAAR MASTER<sup>®</sup>

Practice Test

## Sample Booklet

Grade 3

### Mathematics, Form A

(Revised TEKS)



Lori Mammen  
Editorial Director

### A Research-Based Series for Texas

For more than two decades, we have helped you achieve student success on Texas tests by providing the highest quality test-prep materials. With *STAAR MASTER*<sup>®</sup>, we continue our commitment to create research-based content that engages students and makes teaching easier.

The TEKS for mathematics have undergone significant changes, and we have revised our *STAAR MASTER*<sup>®</sup> Practice Tests for Math accordingly. The most prominent changes include:

- Reorganization of mathematics strands
- An all-new strand addressing "Personal Financial Literacy"
- An increased depth of understanding as to *why* and *how* mathematics processes work



Since 1982

# STAAR MASTER®

## Practice Test

*Revised for the Most Recent TEKS*

# Mathematics Grade 3

**Form A**

# Teacher Guide

ECS99348-TG

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The *STAAR MASTER* series includes new, challenging content to prepare students for the rigor of the STAAR. It's what you have come to expect from the most trusted source in Texas testing. Check our Web site often for the latest information at [ecslarningsystems.com/staarmaster](http://ecslarningsystems.com/staarmaster).

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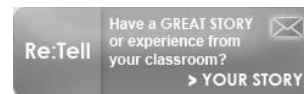
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## Overview of *STAAR MASTER*® Practice Tests

The *STAAR MASTER*® *Practice Tests* allow teachers to assess their students' mastery of the curriculum standards tested on the State of Texas Assessments of Academic Readiness (STAAR®). Each Practice Test reflects the test structure and content outlined in the corresponding STAAR blueprint provided by the Texas Education Agency. Teachers can find the blueprint for each STAAR assessment at the agency's Web site: <http://www.tea.state.tx.us>.

In particular, each *STAAR MASTER Practice Test* includes—

- course-specific practice items based only on the eligible Texas Essential Knowledge and Skills (TEKS)

- the exact number of practice items specified in the blueprint for the corresponding test
- the correct number of practice items for both readiness standards and supporting standards, reflecting the ratio specified in test blueprints
- the appropriate number of griddable practice items (mathematics only)
- rigorous practice items that assess skills at a greater depth

Each STAAR MASTER® Practice Test Teacher Guide includes a correlation chart with pertinent information for each item in the test booklet.

**Correlation Chart Features:**

- complete answer key
- identification of the reporting category for each item
- standard(s) and expectation(s) tested in each item
- identification of readiness and supporting standards
- complexity level (Low, Moderate, High) of each item

**Answer Key**

Item	Answer	Category	Standard(s)	Readiness	Supporting	Complexity Level*
1	Ⓜ	3	3.1A; 3.1B; 3.7C		X	M
2	Ⓜ	1	3.1F; 3.2B		X	L
3	Ⓜ	3	3.1A; 3.1D; 3.7B	X		M
4	Ⓜ	2	3.1A; 3.1B; 3.1E; 3.4F		X	L
5	Ⓜ	1	3.1A; 3.1F; 3.2D	X		M
6	Ⓜ	4	3.1A; 3.1D; 3.1E; 3.8A	X		M
7	Ⓜ	3	3.1B; 3.1D; 3.1F; 3.7B	X		L
8	Ⓜ	2	3.1A; 3.1F; 3.4B	X		M
9	Ⓜ	1	3.1A; 3.1D; 3.1F; 3.3C		X	M
10	Ⓜ	3	3.1A; 3.1D; 3.1F; 3.6C		X	M
11	Ⓜ	1	3.1A; 3.1B; 3.3F	X		L
12	Ⓜ	1	3.1A; 3.1D; 3.1F; 3.3H	X		H

STAAR MASTER® Practice Test, Teacher Guide—Mathematics, Grade 3

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**English**

- |                  |               |                  |
|------------------|---------------|------------------|
| Reading, Grade 3 | Math, Grade 3 | Writing, Grade 4 |
| Reading, Grade 4 | Math, Grade 4 | Writing, Grade 7 |
| Reading, Grade 5 | Math, Grade 5 |                  |
| Reading, Grade 6 | Math, Grade 6 |                  |
| Reading, Grade 7 | Math, Grade 7 |                  |
| Reading, Grade 8 | Math, Grade 8 |                  |

**Spanish**

- |                  |               |
|------------------|---------------|
| Reading, Grade 3 | Math, Grade 3 |
| Reading, Grade 4 | Math, Grade 4 |
| Reading, Grade 5 | Math, Grade 5 |

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Since 1982

# STAAR MASTER®

## Practice Test

*Revised for the Most Recent TEKS*

# Mathematics

# Grade 3

## Form A

Name \_\_\_\_\_ Date \_\_\_\_\_

ISBN: 978-1-60539-934-8

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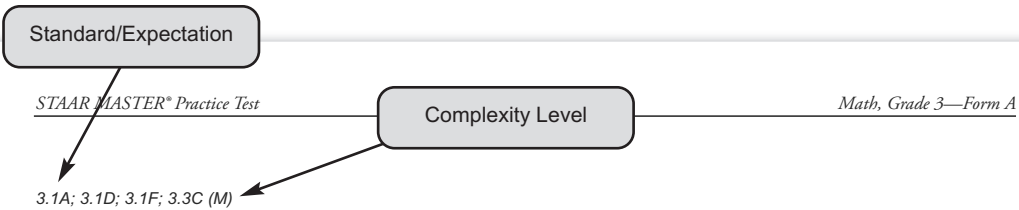
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See page 3 of this Sample Booklet for a detailed description of the STAAR MASTER® Practice Tests.



9. Caleb divided his birthday cake into equal pieces, as shown in the picture below.

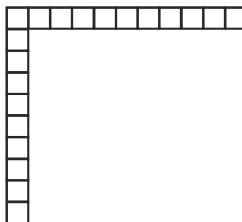


What fraction of the cake does each piece represent?

- A  $\frac{1}{8}$
- B  $\frac{1}{6}$
- C  $\frac{1}{4}$
- D  $\frac{8}{8}$

3.1A; 3.1D; 3.1F; 3.6C (M)

10. The diagram below shows the top of a large gaming table.



$\square = 1$  square foot

How many square feet does the tabletop cover?

Record your answer in the boxes. Then fill in the bubbles. Be sure to use the correct place value.

			.
Ⓐ	Ⓐ	Ⓐ	
Ⓑ	Ⓑ	Ⓑ	
Ⓒ	Ⓒ	Ⓒ	
Ⓓ	Ⓓ	Ⓓ	
⓪	⓪	⓪	
①	①	①	
②	②	②	
③	③	③	
④	④	④	
⑤	⑤	⑤	
⑥	⑥	⑥	
⑦	⑦	⑦	
⑧	⑧	⑧	
⑨	⑨	⑨	

continued on next page



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## Revised for the Most Recent TEKS



Reading • Mathematics • Writing • Social Studies • Science • Algebra I  
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Three 3D boxes are arranged in a row. The top box is red and contains the text "Credible" and "Same ECS quality" followed by a bulleted list. The bottom-left box is gold and contains the text "Authentic" and "Reflects key characteristics of STAAR®" followed by a bulleted list. The bottom-right box is blue and contains the text "Fresh" and "Includes challenging, original content" followed by a bulleted list.

**Credible**  
Same ECS quality

- based on most recent eligible TEKS and STAAR® test blueprints
- practice items marked with complexity level (L, M, or H)
- questions labeled with “skill tags”

**Authentic**  
Reflects key characteristics of STAAR®

- increased rigor
- emphasis on readiness standards
- more open-ended (griddable) items (mathematics and science)
- assessment of process skills within context (mathematics, science, and social studies)

**Fresh**  
Includes challenging, original content

- targeted practice in a variety of contexts
- range of topics to interest students
- clear and consistent page layout
- complete answer keys for teachers

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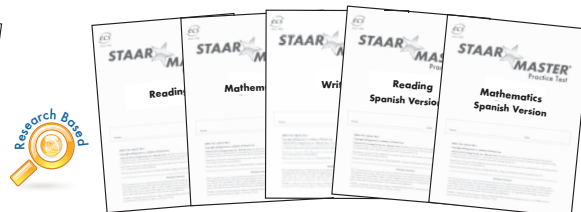
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 Reading, Grade 7  
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 Math, Grade 6  
 Math, Grade 7  
 Math, Grade 8

Writing, Grade 4  
 Writing, Grade 7

Science, Grade 5  
 Science, Grade 8

Social Studies, Grade 8

Algebra I

### Spanish

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 Reading, Grade 4  
 Reading, Grade 5

Math, Grade 3  
 Math, Grade 4  
 Math, Grade 5

Science, Grade 5

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 Reading, Grade 5  
 Reading, Grade 6  
 Reading, Grade 7  
 Reading, Grade 8

Math, Grade 3  
 Math, Grade 4  
 Math, Grade 5  
 Math, Grade 6  
 Math, Grade 7  
 Math, Grade 8

Writing, Grade 4  
 Writing, Grade 7

### Spanish

Reading, Grade 3  
 Reading, Grade 4  
 Reading, Grade 5

Math, Grade 3  
 Math, Grade 4  
 Math, Grade 5

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