

Student Workbook

and Two Realistic STAAR Math Practice Tests

STAAR Math 3

Exercise Book for Grade

- Content 100% aligned with the 2019 STAAR test
- Written by STAAR Math tutors and test experts
- Complete coverage of all STAAR Math concepts and topics which you will be tested
- Over 2,500 additional STAAR math practice questions
- Abundant Math skill building exercises

2 full-length STAAR Math practice tests with detailed answers

Reza Nazari & Ava Ross

www.EffortlessMath.com

… So Much More Online!

- ✓ FREE Math lessons
- ✓ More Math learning books!
- ✓ Mathematics Worksheets
- ✓ Online Math Tutors

Need a PDF version of this book?

Visit www.EffortlessMath.com

STAAR Math Exercise Book for Grade 3

Student Workbook and Two Realistic

STAAR Math Tests

By

Reza Nazari & Ava Ross

Copyright © 2019

Reza Nazari & Ava Ross

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or 108 of the 1976 United States Copyright Ac, without permission of the author.

All inquiries should be addressed to:

info@EffortlessMath.com

www.EffortlessMath.com

ISBN-13: 978-1-970036-25-1

ISBN-10: 1-970036-25-7

Published by: Effortless Math Education

www.EffortlessMath.com

Description

Get ready for the STAAR Math Test with a PERFECT Math Workbook!

STAAR Math Exercise Book for Grade 3, which reflects the 2019 test guidelines and topics, is dedicated to preparing test takers to ace the STAAR Math Test. This STAAR Math workbook's new edition has been updated to replicate questions appearing on the most recent STAAR Math tests. Here is intensive preparation for the STAAR Math test, and a precious learning tool for test takers who need extra practice in math to raise their STAAR math scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the STAAR Math test. **This workbook is your ticket to score higher on STAAR Math!**

The updated version of this hands-on workbook represents extensive exercises, math problems, sample STAAR questions, and quizzes with answers and detailed solutions to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat STAAR exam on test day.

Each of math exercises is answered in the book and we have provided explanation of the answers for the two full-length STAAR Math practice tests as well which will help test takers find their weak areas and raise their scores. This is a unique and perfect practice book to beat the STAAR Math Test.

Separate math chapters offer a complete review of the STAAR Math test, including:

- ✓ Arithmetic and Number Operations
- ✓ Algebra and Functions,
- ✓ Geometry and Measurement
- ✓ Data analysis, Statistics, & Probability
- ✓ … and also includes **two full-length practice tests!**

The surest way to succeed on STAAR Math Test is with intensive practice in every math topic tested--and that's what you will get in ***STAAR Math Exercise Book***. Each chapter of this focused format has a comprehensive review created by Test Prep experts that goes into detail to cover all of the content likely to appear on the STAAR Math test. Not only does this all-inclusive workbook offer everything you will ever need to conquer STAAR Math test, it also contains two full-length and realistic STAAR Math tests that reflect the format and question types on the STAAR to help you check your exam-readiness and identify where you need more practice.

Effortless Math Workbook *for the STAAR Test* contains many exciting and unique features to help you improve your test scores, including:

- ✓ Content 100% aligned with the 2019 STAAR test
- ✓ Written by STAAR Math tutors and test experts
- ✓ Complete coverage of all STAAR Math concepts and topics which you will be tested
- ✓ Over 2,500 additional STAAR math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas
- ✓ Abundant Math skill building exercises to help test-takers approach different question types that might be unfamiliar to them
- ✓ Exercises on different STAAR Math topics such as integers, percent, equations, polynomials, exponents and radicals
- ✓ 2 full-length practice tests (featuring new question types) with detailed answers

This STAAR Math Workbook and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the STAAR test.

Do NOT take the STAAR test without reviewing the Math questions in this workbook!

About the Author

Reza Nazari is the author of more than 100 Math learning books including:
– Math and Critical Thinking Challenges: For the Middle and High School Student
– ACT Math in 30 Days
– ASVAB Math Workbook 2018 – 2019
– Effortless Math Education Workbooks
– and many more Mathematics books …

Reza is also an experienced Math instructor and a test–prep expert who has been tutoring students since 2008. Reza is the founder of Effortless Math Education, a tutoring company that has helped many students raise their standardized test scores—and attend the colleges of their dreams. Reza provides an individualized custom learning plan and the personalized attention that makes a difference in how students view math.

You can contact Reza via email at:
reza@EffortlessMath.com

Find Reza's professional profile at:
goo.gl/zoC9rJ

Contents

Description 2
Chapter 1: Place Vales and Number Sense 8
Place Values 9
Write Numbers in Words 10
Rounding Numbers 11
Odd or Even 12
Ordinal Numbers 13
Answers of Worksheets – Chapter 1 14
Chapter 2: Adding and Subtracting 16
Adding Two–Digit Numbers 17
Subtracting Two–Digit Numbers 18
Adding Three–Digit Numbers 19
Adding Hundreds 20
Adding 4–Digit Numbers 21
Subtracting 4–Digit Numbers 22
Answers of Worksheets – Chapter 2 23
Chapter 3: Multiplication and Division 25
Multiplication by 0, 1, 2, and 3 26
Multiplication by 4, 5, 6 and 7 27
Multiplication by 8 to 12 28
Division by 0 to 6 29
Division by 7 to 12 30
Dividing by Tens 31
Divide and Multiply 3–Digit Numbers 32
Answers of Worksheets – Chapter 3 33
Chapter 4: Mixed operations 36
Rounding and Estimating 37
Estimate Sums 38
Estimate Differences 39
Estimate Products 40

Missing Numbers 41
Answers of Worksheets – Chapter 4 42
Chapter 5: Money 44
Add Money Amounts 45
Subtract Money Amounts 46
Money: Word Problems 47
Answers of Worksheets – Chapter 5 48
Chapter 6: Measurement 49
Convert Measurement Units 50
Metric Units 51
Distance Measurement 52
Weight Measurement 53
Answers of Worksheets – Chapter 6 54
Chapter 7: Time 56
Read Clocks 57
Digital Clock 58
Measurement – Time 59
Calendars 60
Answers of Worksheets – Chapter 7 61
Chapter 8: Geometric 62
Identifying Angles: Acute, Right, Obtuse, and Straight Angles 63
Classify Triangles 64
Quadrilaterals and Rectangles 65
Perimeter: Find the Missing Side Lengths 66
Perimeter and Area of Squares 67
Perimeter and Area of rectangles 68
Find the Area or Missing Side Length of a Rectangle 69
Area and Perimeter 70
Answers of Worksheets – Chapter 8 71
Chapter 9: Fractions 73
Fractions of a Number 74
Order Fractions 75

Simplifying Fractions 76
Improper Fractions 77
Comparing Fractions 78
Answers of Worksheets – Chapter 9 79
STAAR Test Review 82
STAAR Mathematics Practice Tests 84
STAAR Practice Test 1 86
STAAR Practice Test 2 99
STAAR Practice Tests Answers and Explanations 112

Chapter 1: Place Vales and Number Sense

Topics that you'll learn in this chapter:

- ✓ Place Values
- ✓ Write Numbers in Words
- ✓ Rounding
- ✓ Odd or Even
- ✓ Ordinal Numbers

Place Values

Write numbers in expanded form.

1) Thirty–five $30 + 5$

2) Sixty–seven ___ + ___

3) Forty–two ___ + ___

4) Eighty–nine ___ + ___

5) Ninety–one ___ + ___

6) Twenty–two ___ + ___

7) Thirty–four ___ + ___

8) Fifty–six ___ + ___

9) Ninety–five ___ + ___

10) Seventy–seven ___ + ___

11) Forty–eight ___ + ___

Circle the correct choice.

12) The 2 in 72 is in the ones place tens place hundreds place

13) The 6 in 65 is in the ones place tens place hundreds place

14) The 2 in 342 is in the ones place tens place hundreds place

15) The 5 in 450 is in the ones place tens place hundreds place

16) The 3 in 321 is in the ones place tens place hundreds place

Write Numbers in Words

Write each number in words.

1) 194 _____

2) 311 _____

3) 256 _____

4) 434 _____

5) 809 _____

6) 730 _____

7) 272 _____

8) 266 _____

9) 902 _____

10) 1,418 _____

11) 1,365 _____

12) 3,374 _____

13) 2,486 _____

14) 7,671 _____

15) 6,290 _____

16) 3,147 _____

17) 5,012 _____

Rounding Numbers

Round each number to the nearest ten.

1) 24
2) 98
3) 41
4) 26
5) 11
6) 35
7) 84
8) 70
9) 47
10) 63
11) 79
12) 55

Round each number to the nearest hundred.

13) 185
14) 254
15) 729
16) 109
17) 222
18) 311
19) 287
20) 927
21) 670
22) 563
23) 890
24) 479

Round each number to the nearest thousand.

25) 1,252
26) 1,950
27) 5,235
28) 3,567
29) 8,027
30) 52,512
31) 31,422
32) 12,723
33) 61,670
34) 71,290
35) 50,930
36) 38,568

Odd or Even

Identify whether each number is even or odd.

1) 12 _____
2) 7 _____
3) 33 _____
4) 18 _____
5) 99 _____
6) 55 _____
7) 34 _____
8) 87 _____
9) 94 _____
10) 14 _____
11) 22 _____
12) 79 _____

Circle the even number in each group.

13) 22, 11, 57, 13, 19, 47

14) 15, 17, 27, 23, 33, 26

15) 19, 35, 24, 57, 65, 49

16) 67, 58, 89, 63, 27, 63

Circle the odd number in each group.

17) 12, 14, 22, 64, 53, 98

18) 16, 26, 28, 44, 62, 73

19) 46, 82, 63, 98, 64, 56

20) 27, 92, 58, 36, 38, 72

Ordinal Numbers

Identify the ordinal position of the letters.

1) B _____Second___ 2nd ____

2) H _____

3) A _____

4) E _____

5) F _____

6) G _____

7) D _____

8) K _____

9) L _____

10) M _____

Write the months in ordinal numbers.

11) March is the _____

12) May is the _____

13) July is the _____

14) September is the _____

Answers of Worksheets – Chapter 1

Place Values

1) $30 + 5$
2) $60 + 7$
3) $40 + 2$
4) $80 + 9$
5) $90 + 1$
6) $20 + 2$
7) $30 + 4$
8) $50 + 6$
9) $90 + 5$
10) $70 + 7$
11) $40 + 8$
12) ones place
13) tens place
14) ones place
15) tens place
16) hundreds place

Word Names for Numbers

1) one hundred ninety-four
2) three hundred eleven
3) two hundred fifty-six
4) four hundred thirty-four
5) eight hundred nine
6) seven hundred thirty
7) two hundred seventy-two
8) two hundred sixty-six
9) nine hundred two
10) one thousand, four hundred eighteen
11) one thousand, three hundred sixty-five
12) three thousand, three hundred seventy-four
13) two thousand, four hundred eighty-six
14) seven thousand, six hundred seventy-one
15) six thousand, two hundred ninety
16) three thousand, one hundred forty-seven
17) five thousand, twelve

Rounding Numbers

1) 20
2) 100
3) 40
4) 30
5) 10
6) 40
7) 80
8) 70
9) 50
10) 60
11) 80
12) 60
13) 200
14) 300
15) 700
16) 100
17) 200
18) 300
19) 300
20) 900
21) 700
22) 600
23) 900
24) 500
25) 1,000
26) 2,000
27) 5,000
28) 4,000
29) 8,000
30) 53,000
31) 31,000
32) 13,000
33) 62,000
34) 71,000
35) 51,000
36) 39,000

Odd or Even

1) even
2) odd
3) odd
4) even
5) odd
6) odd
7) even
8) odd
9) even
10) even
11) even
12) odd
13) 22
14) 26
15) 24
16) 58
17) 53
18) 73
19) 63
20) 27

Ordinal numbers

1) second
2) eighth
3) first
4) fifth
5) sixth
6) seventh
7) fourth
8) eleventh
9) twelfth
10) thirteenth
11) 3th month of the year
12) 5th month of the year
13) 7th month of the year
14) 9th month of the year

Chapter 2: Adding and Subtracting

Topics that you'll learn in this chapter:

- ✓ Adding Two–Digit Numbers
- ✓ Subtracting Two–Digit Numbers
- ✓ Adding Three–Digit Numbers
- ✓ Adding Hundreds
- ✓ Adding 4–Digit Numbers
- ✓ Subtracting 4–Digit Numbers

Adding Two–Digit Numbers

Find each sum.

1) 50 + 18 = _____

2) 32 + 14 = _____

3) 45 + 16 = _____

4) 12 + 12 = _____

5) 43 + 30 = _____

6) 34 + 15 = _____

7) 89 + 7 = _____

8) 63 + 12 = _____

9) 90 + 10 = _____

10) 24 + 12 = _____

11) 42 + 22 = _____

12) 23 + 18 = _____

13) 18 + 25 = _____

14) 37 + 23 = _____

15) 56 + 35 = _____

16) 65 + 40 = _____

17) 77 + 29 = _____

18) 59 + 26 = _____