

Student Workbook

and Two Realistic SBAC Math Practice Tests

SBAC Math 4

Exercise Book for Grade

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

2 full-length SBAC 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

SBAC Math Exercise Book for Grade 4

Student Workbook and Two Realistic SBAC 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

Published by: Effortless Math Education

www.EffortlessMath.com

Description

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

SBAC Math Exercise Book for Grade 4, which reflects the 2019 test guidelines and topics, is dedicated to preparing test takers to ace the SBAC Math Test. This SBAC Math workbook's new edition has been updated to replicate questions appearing on the most recent SBAC Math tests. Here is intensive preparation for the SBAC Math test, and a precious learning tool for test takers who need extra practice in math to raise their SBAC math scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the SBAC Math test. **This workbook is your ticket to score higher on SBAC Math**

The updated version of this hands-on workbook represents extensive exercises, math problems, sample SBAC 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 SBAC 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 SBAC 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 SBAC Math Test.

Separate math chapters offer a complete review of the SBAC 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 SBAC Math Test is with intensive practice in every math topic tested--and that's what you will get in ***SBAC 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 SBAC Math test. Not only does this all-inclusive workbook offer everything you will ever need to conquer SBAC Math test, it also contains two full-length and realistic SBAC Math tests that reflect the format and question types on the SBAC to help you check your exam-readiness and identify where you need more practice.

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

- ✓ Content 100% aligned with the 2019 SBAC test
- ✓ Written by SBAC Math tutors and test experts
- ✓ Complete coverage of all SBAC Math concepts and topics which you will be tested
- ✓ Over 2,500 additional SBAC 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 SBAC Math topics such as integers, percent, equations, polynomials, exponents and radicals
- ✓ 2 full-length practice tests (featuring new question types) with detailed answers

This SBAC 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 SBAC test.

Do NOT take the SBAC 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 8
Place Values 9
Write Numbers in Words 10
Rounding Numbers 11
Odd or Even 12
Answers of Worksheets – Chapter 1 13
Chapter 2: Numbers Operations 15
Adding Two–Digit Numbers 16
Subtracting Two–Digit Numbers 17
Adding Three–Digit Numbers 18
Adding Hundreds 19
Adding 4–Digit Numbers 20
Subtracting 4–Digit Numbers 21
Multiplication 22
Division 23
Answers of Worksheets – Chapter 2 24
Chapter 3: Rounding and Estimates 26
Rounding and Estimating 27
Estimate Sums 28
Estimate Differences 29
Estimate Products 30
Missing Numbers 31
Answers of Worksheets – Chapter 3 32
Chapter 4: Money 34
Add Money Amounts 35
Subtract Money Amounts 36
Money: Word Problems 37
Answers of Worksheets – Chapter 4 38
Chapter 5: Time 39

Read Clocks 40
Digital Clock 41
Measurement – Time 42
Answers of Worksheets – Chapter 5 43
Chapter 6: Fractions and Mixed Numbers 44
Simplifying Fractions 45
Add Fractions with Like Denominators 46
Subtract Fractions with Like Denominators 47
Add Fractions with Denominators of 10 and 100 48
Fractions to Mixed Numbers 49
Mixed Numbers to Fractions 50
Answers of Worksheets – Chapter 6 51
Chapter 7: Decimal 54
Decimal Place Value 55
Ordering and Comparing Decimals 56
Adding and Subtracting Decimals 57
Multiplying and Dividing Decimals 58
Answers of Worksheets – Chapter 7 59
Chapter 8: Measurement 61
Convert Measurement Units 62
Metric Units 63
Distance Measurement 64
Weight Measurement 65
Answers of Worksheets – Chapter 8 66
Chapter 9: Data and Graphs 68
Bar Graph 69
Tally and Pictographs 70
Line Graphs 71
Pie Graph 72
Histograms 73
Answers of Worksheets – Chapter 9 74
Chapter 10: Geometric 76

Identifying Angles: Acute, Right, Obtuse, and Straight Angles 77
Polygon Names 78
Quadrilaterals and Rectangles 79
Perimeter: Find the Missing Side Lengths 80
Perimeter and Area of Squares 81
Perimeter and Area of rectangles 82
Answers of Worksheets – Chapter 10 83
SBAC Test Review 85
SBAC Mathematics Practice Tests 86
SBAC Practice Test 1 88
SBAC Practice Test 2 103
SBAC Practice Tests Answers and Explanations 116

Chapter 1: Place Vales

Topics that you'll learn in this chapter:

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

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

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

Numbers in Words

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

Chapter 2: Numbers Operations

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
- ✓ Multiplication
- ✓ Division

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 = _____

Subtracting Two–Digit Numbers

Find each difference.

1) $\begin{array}{r} 32 \\ -15 \\ \hline \end{array}$	2) $\begin{array}{r} 40 \\ -12 \\ \hline \end{array}$	3) $\begin{array}{r} 67 \\ -17 \\ \hline \end{array}$
4) $\begin{array}{r} 18 \\ -10 \\ \hline \end{array}$	5) $\begin{array}{r} 59 \\ -16 \\ \hline \end{array}$	6) $\begin{array}{r} 89 \\ -20 \\ \hline \end{array}$
7) $\begin{array}{r} 78 \\ -21 \\ \hline \end{array}$	8) $\begin{array}{r} 66 \\ -15 \\ \hline \end{array}$	9) $\begin{array}{r} 87 \\ -45 \\ \hline \end{array}$
10) $\begin{array}{r} 56 \\ -19 \\ \hline \end{array}$	11) $\begin{array}{r} 62 \\ -23 \\ \hline \end{array}$	12) $\begin{array}{r} 47 \\ -20 \\ \hline \end{array}$
13) $\begin{array}{r} 78 \\ -29 \\ \hline \end{array}$	14) $\begin{array}{r} 49 \\ -36 \\ \hline \end{array}$	15) $\begin{array}{r} 82 \\ -38 \\ \hline \end{array}$
16) $\begin{array}{r} 97 \\ -45 \\ \hline \end{array}$	17) $\begin{array}{r} 89 \\ -57 \\ \hline \end{array}$	18) $\begin{array}{r} 95 \\ -73 \\ \hline \end{array}$