Effortless Math Education

5th Grade SBAC Math Workbook 2018

The Most Comprehensive Review for the Math Section of the SBAC

Reza Nazari & Ava Ross

Let's Keep in Touch

Follow Us Online

Visit US at

www.EffortlessMath.com

https://www.facebook.com/Effortlessmath

https://goo.gl/2B6qWW

Online Math Lessons

It's easy! Here's how it works.

1- Request a FREE introductory session.

2- Meet a Math tutor online.

3- Start Learning Math in Minutes.

Send Email to: info@EffortlessMath.com

www.EffortlessMath.com

… So Much More Online!

- **FREE Math lessons**
- **More Math learning books!**
- **Online Math Tutors**

Looking for an Online Math Tutor?

Send Email to: info@EffortlessMath.com

5th Grade SBAC Mathematics Workbook 2018

The Most Comprehensive Review for the Math Section of the SBAC TEST

By

Reza Nazari & Ava Ross

Copyright © 2018

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: 978-1985316713

ISBN-10: 1985316714

Published by: Effortless Math Education

www.EffortlessMath.com

Description

Effortless Math SBAC Workbook provides students with the confidence and math skills they need to succeed on the SBAC Math, providing a solid foundation of basic Math topics with abundant exercises for each topic. It is designed to address the needs of SBAC test takers who must have a working knowledge of basic Math.

This comprehensive workbook with over 1,500 sample questions and 2 complete 5th Grade SBAC tests is all your student needs to fully prepare for the SBAC Math. It will help your student learns everything they need to ace the math section of the SBAC.

There are more than 1,500 Math problems with answers in this book.
Effortless Math unique study program provides your student with an in-depth focus on the math portion of the exam, helping them master the math skills that students find the most troublesome.
This workbook contains most common sample questions that are most likely to appear in the mathematics section of the SBAC.

Inside the pages of this comprehensive workbook, students can learn basic math operations in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including:

- Dynamic design and easy-to-follow activities
- A fun, interactive and concrete learning process
- Targeted, skill-building practices
- Fun exercises that build confidence
- Math topics are grouped by category, so the students can focus on the topics they struggle on
- All solutions for the exercises are included, so you will always find the answers
- 2 Complete SBAC Math Practice Tests that reflect the format and question types on SBAC

Effortless Math SBAC Workbook is an incredibly useful tool for those who want to review all topics being covered on the SBAC test. It efficiently and effectively reinforces learning outcomes through engaging questions and repeated practice, helping students to quickly master basic Math skills.



About the Author

Reza Nazari is the author of more than 100 Math learning books including:
– Math and Critical Thinking Challenges
– GED 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.

To ask questions about Math, you can contact Reza via email at:
reza@EffortlessMath.com

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

Contents

Place Values 9
Comparing and Ordering Numbers 10
Roman Numerals 11
Rounding Numbers 12
Odd or Even 13
Add Whole Numbers 14
Subtract Whole Numbers 15
Whole Number Estimation 16
Multiplying Whole Numbers 17
Dividing Whole Numbers 18
Factoring Numbers 19
Prime Factorization 20
Divisibility Rules 21
Greatest Common Factor 22
Least Common Multiple 23
Adding and Subtracting Decimals 24
Multiplying and Dividing Decimals 25
Order and Comparing Decimals 26
Round decimals 27
Converting Between Fractions, Decimals and Mixed Numbers 28
Money Subtraction 29
Money: Word Problems 30
Add Fractions with Like Denominators 31
Subtract Fractions with Like Denominators 32
Add and Subtract Fractions with Like Denominators 33
Compare Sums and Differences of Fractions with Like Denominators 34
Add 3 or More Fractions with Like Denominators 35

Simplifying Fractions 36
Add fractions with unlike denominators 37
Subtract fractions with unlike denominators 38
Add fractions with denominators of 10 and 100 39
Add and subtract fractions with denominators of 10, 100, and 1000 40
Fractions to Mixed Numbers 41
Mixed Numbers to Fractions 42
Add and Subtract Mixed Numbers with Like Denominators 43
Order of Operations 44
Simplifying Ratios 45
Proportional Ratios 46
Ratio and Rates Word Problems 47
Similar Figure Word Problems (Scale drawings: word problems) 48
Patterns: Numbers 49
Patterns 50
Graph Points on a Coordinate Plane 51
Evaluating Variable 52
Solve Equations 53
Bar Graph 54
Tally and Pictographs 55
Line Graphs 56
The Pie Graph or Circle Graph 57
Mean, Median, Mode, and Range of the Given Data 58
Telling Time 59
Measurement – Time 60
Measurement – Metric System 61
Measurement – Length 62
Measurement – Temperature 63

Measurement – Volume 64
Line Segments 65
Identify lines of symmetry 66
Count lines of symmetry 67
Parallel, Perpendicular and Intersecting Lines 68
Identify Three–Dimensional Figures 69
Count Vertices, Edges, and Faces 70
Identify Faces of Three–Dimensional Figures 71
Identifying Angles: Acute, Right, Obtuse, and Straight Angles 72
Measure Angles with a Protractor 73
Estimate Angle Measurements 74
Polygon Names 75
Classify triangles 76
Parallel Sides in Quadrilaterals 77
Identify Parallelograms 78
Identify Trapezoids 79
Identify Rectangles 80
Perimeter: Find the Missing Side Lengths 81
Perimeter and Area of Squares 82
Perimeter and Area of rectangles 83
Find the Area or Missing Side Length of a Rectangle 84
Area and Perimeter: Word Problems 85
Calculate Radius, Diameter, and Circumference 86
SBAC Math Practice Tests 88
SBAC Practice Test 1 89
SBAC Practice Test 2 104
SBAC Practice Tests Answer keys 122
Answers of Worksheets 123

Place Values

Write numbers in expanded form.

1) Thirty–five 30 + 5

2) Sixty–seven ___ + ___

3) Forty–two ___ + ___

4) Eighty–nine ___ + ___

5) Ninety–one ___ + ___

Circle the correct choice.

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

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

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

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

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

Comparing and Ordering Numbers

Use less than, equal to or greater than.

1) 23 _____ 34

2) 89 _____ 98

3) 45 _____ 25

4) 34 _____ 32

5) 91 _____ 91

6) 57 _____ 55

7) 85 _____ 78

8) 56 _____ 43

9) 34 _____ 34

10) 92 _____ 98

11) 38 _____ 46

12) 67 _____ 58

13) 88 _____ 69

14) 23 _____ 34

Order each set numbers from least to greatest.

15) – 15, – 19, 20, – 4, 1 ___, ___, ___, ___, ___, ___

16) 6, – 5, 4, – 3, 2 ___, ___, ___, ___, ___, ___

17) 15, – 42, 19, 0, – 22 ___, ___, ___, ___, ___, ___

18) 26, – 91, 0, – 13, 67, – 55 ___, ___, ___, ___, ___, ___

19) – 17, – 71, 90, – 25, – 54, – 39 ___, ___, ___, ___, ___, ___

20) 98, 5, 46, 19, 77, 24 ___, ___, ___, ___, ___, ___

Roman Numerals

Write in Romans numerals.

1) 2 _____ 2) 6 _____

3) 4 _____ 4) 9 _____

5) 10 _____ 6) 7 _____

7) 3 _____ 8) 1 _____

9) 5 _____ 10) 8 _____

11) Add 7 + 2 and write in Roman numerals. _____

12) Add 6 + 5 and write in Roman numerals. _____

13) Subtract 12 – 6 and write in Roman numerals. _____

14) Subtract 20 – 8 and write in Roman numerals. _____

15) Subtract 16 – 9 and write in Roman numerals. _____

16) Add 10 + 10 and write in Roman numerals. _____

Rounding Numbers

Round each number to the underlined place value.

1) 9̲72
2) 2,9̲95
3) 3̲64
4) 8̲1
5) 5̲5
6) 3̲34
7) 1,2̲03
8) 9.5̲7
9) 7.4̲84
10) 9.1̲4
11) 3̲9
12) 9̲,123
13) 3,45̲2
14) 5̲69
15) 1,2̲30
16) 9̲8
17) 9̲3
18) 3̲7
19) 49̲3
20) 2,9̲23
21) 9̲,845
22) 55̲5
23) 9̲39
24) 6̲9

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 <u>even</u> 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 <u>odd</u> 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

Add Whole Numbers

Add.

1) $\begin{array}{r} 1{,}158 \\ +\ 6{,}687 \\ \hline \end{array}$

3) $\begin{array}{r} 5{,}756 \\ +\ 2{,}712 \\ \hline \end{array}$

5) $\begin{array}{r} 4{,}257 \\ +5{,}194 \\ \hline \end{array}$

2) $\begin{array}{r} 5{,}188 \\ +\ 1{,}298 \\ \hline \end{array}$

4) $\begin{array}{r} 3{,}239 \\ +2{,}562 \\ \hline \end{array}$

6) $\begin{array}{r} 6{,}215 \\ +2{,}189 \\ \hline \end{array}$

Find the missing numbers.

7) 1145 + ___ = 1276

8) 500 + 1000 = ___

9) 3200 + ___ = 4300

10) 455 + ___ = 1755

11) ___ + 720 = 1250

12) ___ + 670 = 2230

13) David sells gems. He finds a diamond in Istanbul and buys it for $3,433. Then, he flies to Cairo and purchases a bigger diamond for the bargain price of $5,922. How much does David spend on the two diamonds?