

Student Workbook

and Two Realistic PSSA Math Practice Tests

PSSA Math 6

Exercise Book for Grade

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

2 full-length PSSA Math practice tests with detailed answers

Reza Nazari & Ava Ross

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PSSA Math Exercise Book for Grade 6

Student Workbook and Two Realistic PSSA Math Tests

By

Reza Nazari & Ava Ross

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Description

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

PSSA Math Exercise Book for Grade 6, which reflects the 2019 test guidelines and topics, is dedicated to preparing test takers to ace the PSSA Math Test. This PSSA Math workbook's new edition has been updated to replicate questions appearing on the most recent PSSA Math tests. Here is intensive preparation for the PSSA Math test, and a precious learning tool for test takers who need extra practice in math to raise their PSSA math scores. After completing this workbook, you will have solid foundation and adequate practice that is necessary to ace the PSSA Math test. **This workbook is your ticket to score higher on PSSA Math.**

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

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

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

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

This PSSA 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 PSSA test.

Do NOT take the PSSA 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
– 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.

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Contents

Chapter 1: Whole Numbers 10
Rounding 11
Whole Number Addition and Subtraction 12
Whole Number Multiplication and Division 13
Rounding and Estimates 14
Answers of Worksheets – Chapter 1 15
Chapter 2: Fractions and Decimals 16
Simplifying Fractions 17
Adding and Subtracting Fractions 18
Multiplying and Dividing Fractions 19
Adding and Subtracting Mixed Numbers 20
Multiplying and Dividing Mixed Numbers 21
Adding and Subtracting Decimals 22
Multiplying and Dividing Decimals 23
Comparing Decimals 24
Rounding Decimals 25
Factoring Numbers 26
Greatest Common Factor 27
Least Common Multiple 28
Answers of Worksheets – Chapter 2 29
Chapter 3: Real Numbers and Integers 33
Adding and Subtracting Integers 34
Multiplying and Dividing Integers 35
Order of Operations 36
Ordering Integers and Numbers 37
Integers and Absolute Value 38
Answers of Worksheets – Chapter 3 39
Chapter 4: Proportions, Ratios, and Percent 41
Simplifying Ratios 42
Proportional Ratios 43

Similarity and Ratios 44
Ratio and Rates Word Problems 45
Percentage Calculations 46
Percent Problems 47
Simple Interest 48
Answers of Worksheets – Chapter 4 49
Chapter 5: Algebraic Expressions 52
Translate Phrases into an Algebraic Statement 53
The Distributive Property 54
Evaluating One Variable Expressions 55
Evaluating Two Variables Expressions 56
Combining like Terms 57
Answers of Worksheets – Chapter 5 58
Chapter 6: Equations and Inequalities 60
Equations 61
Graphing Inequalities 62
One–Step Inequalities 63
Answers of Worksheets – Chapter 6 64
Chapter 7: Exponents and Radicals 67
Multiplication Property of Exponents 68
Division Property of Exponents 69
Powers of Products and Quotients 70
Zero and Negative Exponents 71
Negative Exponents and Negative Bases 72
Scientific Notation 73
Square Roots 74
Answers of Worksheets – Chapter 7 75
Chapter 8: Measurements 78
Convert Measurement Units 79
Metric Units 80
Distance Measurement 81
Weight Measurement 82

Answers of Worksheets – Chapter 8 83
Chapter 9: Geometry and Solid Figures 85
Angles 86
Triangles 87
Polygons 88
Trapezoids 89
Circles 90
Cubes 91
Rectangular Prism 92
Answers of Worksheets – Chapter 9 93
Chapter 10: Statistics and Probability 95
Mean and Median 96
Mode and Range 97
Histograms 98
Stem–And–Leaf Plot 99
Pie Graph 100
Probability Problems 101
Answers of Worksheets – Chapter 10 102
PSSA Math Practice Tests 105
PSSA Practice Test 1 108
PSSA Practice Test 2 120
PSSA Practice Tests Answers and Explanations 131

Chapter 1:

Whole Numbers

Topics that you'll practice in this chapter:

- ✓ Rounding
- ✓ Whole Number Addition and Subtraction
- ✓ Whole Number Multiplication and Division
- ✓ Rounding and Estimates

"If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is." — John von Neumann

Rounding

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

Whole Number Addition and Subtraction

Find the sum or subtract.

1) $\begin{array}{r} 1{,}264 \\ +\ 856 \\ \hline \end{array}$

2) $\begin{array}{r} 2{,}689 \\ -\ 456 \\ \hline \end{array}$

3) $\begin{array}{r} 1{,}432 \\ -\ 556 \\ \hline \end{array}$

4) $\begin{array}{r} 2{,}820 \\ +\ 464 \\ \hline \end{array}$

5) $\begin{array}{r} 2{,}170 \\ +\ 245 \\ \hline \end{array}$

6) $\begin{array}{r} 3{,}221 \\ +2{,}560 \\ \hline \end{array}$

7) $\begin{array}{r} 3{,}788 \\ +1{,}892 \\ \hline \end{array}$

8) $\begin{array}{r} 4{,}238 \\ +2{,}576 \\ \hline \end{array}$

9) $\begin{array}{r} 3{,}515 \\ -\ 1{,}675 \\ \hline \end{array}$

10) $\begin{array}{r} 5{,}550 \\ -\ 4{,}120 \\ \hline \end{array}$

11) $\begin{array}{r} 3{,}357 \\ +\ 5{,}230 \\ \hline \end{array}$

12) $\begin{array}{r} 4{,}510 \\ -3{,}691 \\ \hline \end{array}$

Find the missing number.

13) $450 + ____ = 1{,}290$

14) $1{,}786 - ____ = 1{,}346$

15) $____ - 2{,}600 = 7{,}500$

16) $5{,}600 - 2{,}780 = ___$

17) $6{,}890 + ____ = 7{,}460$

18) $3{,}322 - 1{,}795 = ____$

Whole Number Multiplication and Division

Calculate each product.

1) $\begin{array}{r} 26 \\ \times\ 12 \\ \hline \\ \hline \end{array}$

3) $\begin{array}{r} 50 \\ \times\ 14 \\ \hline \\ \hline \end{array}$

5) $\begin{array}{r} 150 \\ \times\ 15 \\ \hline \\ \hline \end{array}$

2) $\begin{array}{r} 60 \\ \times\ 15 \\ \hline \\ \hline \end{array}$

4) $\begin{array}{r} 46 \\ \times\ 20 \\ \hline \\ \hline \end{array}$

6) $\begin{array}{r} 120 \\ \times\ 11 \\ \hline \\ \hline \end{array}$

Find the missing quotient.

7) $240 \div 5 =$

8) $280 \div 4 =$

9) $360 \div 6 =$

10) $500 \div 10 =$

11) $400 \div 8 =$

12) $720 \div 8 =$

13) $1500 \div 3 =$

14) $2400 \div 6 =$

15) $1600 \div 20 =$

16) $3200 \div 40 =$

Solve each problem.

17) $240 \div 4 = N,\ N = __$

18) $1250 \div 5 = N,\ N = __$

19) $N \div 6 = 75\ ,\ N = __$

20) $45 \times N = 270,\ N = __$

21) $880 \div N = 220,\ N = __$

22) $N \times 8 = 504,\ N = __$

Rounding and Estimates

Estimate the sum by rounding each number to the nearest ten.

1) $14 + 68 =$

2) $82 + 12 =$

3) $43 + 66 =$

4) $47 + 65 =$

5) $553 + 232 =$

6) $418 + 846 =$

7) $582 + 277 =$

8) $2771 + 1651 =$

Estimate the product by rounding each number to the nearest ten.

9) $55 \times 62 =$

10) $14 \times 27 =$

11) $34 \times 66 =$

12) $18 \times 12 =$

13) $62 \times 53 =$

14) $41 \times 26 =$

15) $19 \times 33 =$

16) $76 \times 45 =$

Estimate the sum or product by rounding each number to the nearest ten.

17) 34×26

18) 53×18

19) $78 + 92$

20) $55 + 94$

21) 73×12

22) $81 + 53$

Answers of Worksheets – Chapter 1

Rounding

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

Whole Number Addition and Subtraction

1) 2,120
2) 2,233
3) 876
4) 3,284
5) 2,415
6) 5,781
7) 5,680
8) 6,814
9) 1,840
10) 1,430
11) 8,587
12) 819
13) 840
14) 440
15) 10,100
16) 2,820
17) 570
18) 1,527

Whole Number Multiplication and Division

1) 312
2) 900
3) 700
4) 920
5) 2,250
6) 1,320
7) 48
8) 70
9) 60
10) 50
11) 50
12) 90
13) 500
14) 400
15) 60
16) 80
17) 60
18) 250
19) 450
20) 6
21) 4
22) 63

Rounding and Estimates

1) 80
2) 90
3) 110
4) 120
5) 780
6) 1,270
7) 860
8) 4,420
9) 3,600
10) 300
11) 2,100
12) 200
13) 3,000
14) 1,200
15) 600
16) 4,000
17) 900
18) 1,000
19) 170
20) 150
21) 700
22) 130

Chapter 2:

Fractions and Decimals

Topics that you'll practice in this chapter:

- ✓ Simplifying Fractions
- ✓ Adding and Subtracting Fractions
- ✓ Multiplying and Dividing Fractions
- ✓ Adding and Subtract Mixed Numbers
- ✓ Multiplying and Dividing Mixed Numbers
- ✓ Adding and Subtracting Decimals
- ✓ Multiplying and Dividing Decimals
- ✓ Comparing Decimals
- ✓ Rounding Decimals
- ✓ Factoring Numbers
- ✓ Greatest Common Factor
- ✓ Least Common Multiple

"A Man is like a fraction whose numerator is what he is and whose denominator is what he thinks of himself. The larger the denominator, the smaller the fraction." –Tolstoy

Simplifying Fractions

Simplify each fraction to its lowest terms.

1) $\frac{9}{18} =$

2) $\frac{8}{10} =$

3) $\frac{6}{8} =$

4) $\frac{5}{20} =$

5) $\frac{18}{24} =$

6) $\frac{6}{9} =$

7) $\frac{12}{15} =$

8) $\frac{4}{16} =$

9) $\frac{18}{36} =$

10) $\frac{6}{42} =$

11) $\frac{13}{39} =$

12) $\frac{21}{28} =$

13) $\frac{63}{77} =$

14) $\frac{36}{40} =$

15) $\frac{21}{63} =$

16) $\frac{30}{84} =$

17) $\frac{50}{125} =$

18) $\frac{72}{108} =$

19) $\frac{49}{112} =$

20) $\frac{240}{320} =$

21) $\frac{120}{150} =$