FSA Mathematics Workbook For Grade 3

Step-By-Step Guide to Preparing for the FSA Math Test 2019

The Only Book Your Student Will Ever Need to ACE the FSA Math Test!

2 Complete FSA Math Practice Tests

Reza Nazari
&
Ava Ross

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By

Reza Nazari

& Ava Ross

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Description

The goal of this book is simple. It will help your student incorporates the best method and the right strategies to prepare for the FSA Mathematics FAST and EFFECTIVELY.

FSA Mathematics Workbook is full of specific and detailed material that will be key to succeeding on the FSA Math. It's filled with the critical math concepts a student will need in order to pass the test. Math concepts in this book break down the topics, so the material can be quickly grasped. Examples are worked step–by–step, so you learn exactly what to do.

FSA Mathematics Workbook helps your student to focus on all Math topics that students will need to pass the FSA Math test. This book with 2 complete FSA tests is all your student will ever need to fully prepare for the FSA Math.

This workbook includes practice test questions. It contains easy–to–read essential summaries that highlight the key areas of the FSA Math test. Effortless Math test study guide reviews the most important components of the FSA Math test. Anyone planning to take the FSA Math test should take advantage of the review material and practice test questions contained in this study guide.

Inside the pages of this 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
- Math topics are grouped by category, so you can focus on the topics you struggle on
- All solutions for the exercises are included, so you will always find the answers
- 2 Complete FSA Math Practice Tests that reflect the format and question types on FSA

FSA Mathematics Workbook is a breakthrough in Math learning — offering a winning formula and the most powerful methods for learning basic Math topics confidently. Each section offers step–by–step instruction and helpful hints, with a few topics being tackled each chapter. Two complete REAL FSA Math tests are provided at the back of the book to refine your student's Math skills.

FSA Mathematics Workbook **is the only book your student will ever need to master Basic Math topics!** It can be used as a self–study course – you do not need to work with a Math tutor. (It can also be used with a Math tutor).

Ideal for self–study as well as for classroom usage.



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
– ASVAB Math in 30 Days
– AFOQT 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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Chapter 1: Numbers, Comparing and Patterns

Topics that you'll learn in this chapter:

- ✓ Odd or Even
- ✓ Number Sequences
- ✓ Roman Numerals
- ✓ Word Names for Numbers
- ✓ Comparing and Ordering Numbers
- ✓ Repeating Pattern
- ✓ Growing Patterns
- ✓ Place Values
- ✓ Ordinal Numbers

Odd or Even

Helpful Hints	**Even:** Any integer that can be divided exactly by 2 is an even number. **Odd:** Any integer that cannot be divided exactly by 2 is an odd number.	**Example:** –3, 1, 7 are all odd numbers – 12, 0, 8 are all even numbers

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

Number Sequences

Helpful Hints

- A pattern is a group of numbers or objects that follow a rule.
- There is a rule in any pattern for repeating and changing.

Example:

Write the next three numbers in each counting sequence.

1) –32, –23, –14, _____, _____, _____, _____

2) 543, 528, 513, _____, _____, _____, _____

3) _____, _____, 56, 64, _____, 80

4) 23, 34, _____, _____, 67, _____

5) 24, 31, _____, _____, _____

6) 52, 45, _____ , _____, _____

7) 51, 44, 37, _____ , _____ , _____

8) 64, 51, 38, _____ , _____ , _____

9) What are the next three numbers in this counting sequence?

1350, 1550, 1750, _____, _____, _____

10) What is the seventh number in this counting sequence?

7, 16, 25, _____

Roman Numerals

Helpful Hints

1	I	11	XI	21	XXI
2	II	12	XII	22	XXII
3	III	13	XIII	23	XXIII
4	IV	14	XIV	24	XXIV
5	V	15	XV	25	XXV
6	VI	16	XVI	26	XXVI
7	VII	17	XVII	27	XXVII
8	VIII	18	XVIII	28	XXVIII
9	IX	19	XIX	29	XXIX
10	X	20	XX	30	XXX

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. _____

Write Numbers in Words

Helpful Hints	- First, learn to write numbers from 1 to 9. 1 = one, 2 = two, 3 = three, 4 = four, 5 = five, 6 = six, 7 = seven, 8 = eight, 9 = nine - Learn how to write numbers from 10 to 100. For example: 16 = sixteen, 50 = fifty, 89 = eighty-nine - Learn how to combine words to write more numbers. For example: 120 is written as: one hundred twenty

Write each number in words.

1) 434 _____

2) 809 _____

3) 730 _____

4) 272 _____

5) 266 _____

6) 902 _____

7) 1,418 _____

8) 1,365 _____

9) 3,374 _____

10) 2,486 _____

11) 7,671 _____

12) 6,290 _____

13) 3,147 _____

14) 5,012 _____

Comparing and Ordering Numbers

Helpful Hints	**Comparing:** Equal to = Less than < Greater than >>br>Greater than or equal ≥ Less than or equal ≤	To compare numbers, you can use number line! As you move from left to right on the number line, you find a bigger number!	**Example:** 56 > 35 Order integers from least to greatest. (– 11, – 13, 7, – 2, 12) – 13 <– 11< – 2 < 7 <12

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 ___, ___, ___, ___, ___, ___

Repeating Pattern

Helpful Hints

- Look for a relationship between two shapes in a row.
- After finding the rule, check the pattern for all other shapes.
- Use the rule to find next shapes.

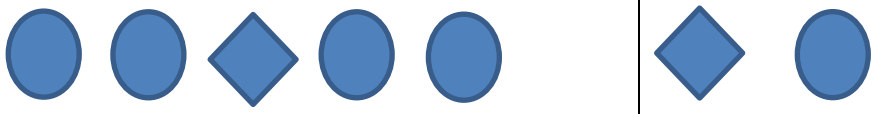
Example:

Circle the picture that comes next in each picture pattern.

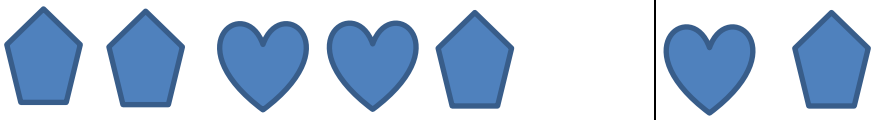
1)



2)



3)



4)

