Effortless Math Education

# 4th Grade FSA

# Math Workbook 2018

## The Most Comprehensive Review for the Math Section of the FSA TEST

- 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 FSA Math Practice Tests that reflect the format and question types on FSA

*Reza Nazari & Ava Ross*

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# $4^{th}$ Grade FSA Math Workbook 2018

*The Most Comprehensive Review for the Math Section of the FSA TEST*

**By**

Reza Nazari

& Ava Ross

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Reza Nazari & Ava Ross

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## Description

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

***This comprehensive workbook*** with over 1,500 sample questions and 2 complete 4th Grade FSA tests is all your student needs to fully prepare for the FSA Math. It will help your student learns everything they need to ace the math section of the FSA.

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 FSA.

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 FSA Math Practice Tests that reflect the format and question types on FSA

*Effortless Math FSA Workbook* is an incredibly useful tool for those who want to review all topics being covered on the FSA 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 for Super Smart Students:** Fifth Graders and Older by Reza Nazari

**- Math and Critical Thinking Challenges:** For the Middle and High School Student

**- Effortless Math Education Workbooks**

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 L.L.C, 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:
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# 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 ___, ___, ___, ___, ___, ___

# Addition

**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) 45 + ___ = 105

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 R3,433. Then, he flies to Cairo and purchases a bigger diamond for the bargain price of R5,922. How much does David spend on the two diamonds?

# Subtraction

**Subtract.**

1) $\begin{array}{r} 8{,}519 \\ -\ 5{,}422 \\ \hline \end{array}$

2) $\begin{array}{r} 6{,}222 \\ -\ 4{,}331 \\ \hline \end{array}$

3) $\begin{array}{r} 7{,}821 \\ -\ 3{,}212 \\ \hline \end{array}$

4) $\begin{array}{r} 8{,}756 \\ -\ 6{,}712 \\ \hline \end{array}$

5) $\begin{array}{r} 9{,}290 \\ -\ 3{,}829 \\ \hline \end{array}$

6) $\begin{array}{r} 5{,}117 \\ -4{,}216 \\ \hline \end{array}$

**Find the missing number.**

7) 2223 – ___ = 1120

8) 574 – ___ = 245

9) 1124 – 578 = ___

10) 2300 – ___ = 1250

11) 3780 – 1890 = ___

12) 2880 – 2560 = ___

13) Jackson had R3,963 invested in the stock market until he lost R2,171 on those investments. How much money does he have in the stock market now?

## Multiplication

**Find the answers.**

1) $\begin{array}{r} 45 \\ \times\ 13 \\ \hline \\ \hline \end{array}$

2) $\begin{array}{r} 32 \\ \times\ 10 \\ \hline \\ \hline \end{array}$

3) $\begin{array}{r} 120 \\ \times\ 9 \\ \hline \\ \hline \end{array}$

4) $\begin{array}{r} 563 \\ \times\ 4 \\ \hline \\ \hline \end{array}$

5) $\begin{array}{r} 365 \\ \times\ 5 \\ \hline \\ \hline \end{array}$

6) $\begin{array}{r} 89 \\ \times\ 25 \\ \hline \\ \hline \end{array}$

7) $\begin{array}{r} 478 \\ \times\ 34 \\ \hline \\ \hline \end{array}$

8) $\begin{array}{r} 956 \\ \times\ 26 \\ \hline \\ \hline \end{array}$

9) $\begin{array}{r} 391 \\ \times\ 78 \\ \hline \\ \hline \end{array}$

10) The Haunted House Ride runs 5 times a day. It has 6 cars, each of which can hold 4 people. How many people can ride the Haunted House Ride in one day?

11) Each train car has 3 rows of seats. There are 4 seats in each row. How many seats are there in 5 train cars?

# Long Division by One Digit

**Find the quotient.**

1) $6\overline{)792}$

2) $5\overline{)350}$

3) $6\overline{)174}$

4) $8\overline{)104}$

5) $3\overline{)102}$

6) $9\overline{)189}$

7) $5\overline{)115}$

8) $2\overline{)120}$

9) $7\overline{)112}$

10) $4\overline{)148}$

11) $9\overline{)126}$

12) $6\overline{)240}$

13) $4\overline{)576}$

14) $4\overline{)512}$

15) $9\overline{)1278}$

16) $8\overline{)2768}$

17) $6\overline{)1224}$

18) $4\overline{)3412}$

## Division with Remainders

**Find the quotient with remainder.**

1) $5\overline{)592}$

2) $3\overline{)295}$

3) $6\overline{)553}$

4) $5\overline{)214}$

5) $3\overline{)440}$

6) $7\overline{)673}$

7) $4\overline{)213}$

8) $2\overline{)820}$

9) $5\overline{)496}$

10) $6\overline{)791}$

11) $4\overline{)647}$

12) $7\overline{)780}$

13) $4\overline{)5910}$

14) $8\overline{)3515}$

15) $7\overline{)2355}$

16) $9\overline{)1232}$

17) $8\overline{)6029}$

18) $4\overline{)6743}$

# Rounding and Estimating

**Round each number to the underlined place value.**

1) $\underline{9}72$
2) $2,\underline{9}95$
3) $3\underline{6}4$
4) $\underline{8}1$
5) $\underline{5}5$
6) $3\underline{3}4$
7) $1,\underline{2}03$
8) $9.\underline{5}7$
9) $7.\underline{4}84$

**Estimate the sum by rounding each added to the nearest ten.**

1) 55 + 9
2) 13 + 74
3) 83 + 7
4) 32 + 37
5) 13 + 74
6) 34 + 11
7) 39 + 77
8) 25 + 4
9) 61 + 73
10) 64 + 59
11) 14 + 68
12) 82 + 12
13) 43 + 66
14) 45 + 65
15) 553 + 232

# 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, 56, 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