GED Math in 7 Days

Contains All The Math You Will Ever Need To Pass the GED Math

2 Full-Length GED Math Practice Exams

Reza Nazari & Ava Ross

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GED Math in 7 Days

Step–By–Step Guide to Preparing for the GED Math Test Quickly

By

Reza Nazari & Ava Ross

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Description

The goal of this book is simple. It will help you incorporate the best method and the right strategies to prepare for the GED Math FAST and EFFECTIVELY.

GED Math in 7 Days is full of specific and detailed material that will be key to succeeding on the GED 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.

GED Math in 7 Days helps you to focus on all Math topics that you will need to pass the GED Math test. You only need to spend about 3 – 4 hours daily in your 7–day period in order to pass the test. This book with 2 complete GED tests is all you will ever need to fully prepare for the GED Math.

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

Whether you are intimidated by math, or even if you were the first to raise your hand in the Math classes, this book can help you accelerate the learning process and put you on the right track.

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

GED Math in 7 Days 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 day. Two complete REAL GED Math tests are provided at the back of the book to refine your Math skills.

Effortlessly and confidently follow the step–by–step instructions in this book to prepare for the GED Math in a short period of time.

***GED Math in 7 Days* is the only book you'll 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).

You'll be surprised how fast you master the Math topics covering on GED Math Test.

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
– 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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Day 1: Fundamentals and Building Blocks

Math Topics that you'll learn today:

- ✓ Place Value
- ✓ Rounding
- ✓ Whole Number Addition and Subtraction
- ✓ Whole Number Multiplication and Division
- ✓ Rounding and Estimates
- ✓ Comparing Numbers
- ✓ Simplifying Fractions
- ✓ Adding and Subtracting Fractions
- ✓ Multiplying and Dividing Fractions
- ✓ Adding Mixed Numbers
- ✓ Subtracting Mixed Numbers
- ✓ Multiplying Mixed Numbers
- ✓ Dividing Mixed Numbers
- ✓ Comparing Decimals
- ✓ Rounding Decimals
- ✓ Adding and Subtracting Decimals
- ✓ Multiplying and Dividing Decimals
- ✓ Converting Between Fractions, Decimals and Mixed Numbers

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

Place Value

Helpful Hints

The value of the place, or position, of a digit in a number.

For the number 3,684.26

Decimal Place Value Chart

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths	Ten-thousandths	Hundred thousandths	Millionths
			3	6	8	4	.	2	6				

Example:

In 456, the 5 is in "tens" position.

Write each number in expanded form.

1) Thirty–five 30 + 5

2) Sixty–seven ___ + ___

3) Forty–two ___ + ___

4) Eighty–nine ___ + ___

5) Ninety–one ___ + ___

Circle the correct one.

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

Rounding

Helpful Hints

– Rounding is putting a number up or down to the nearest whole number or the nearest hundred, etc.

Example:

64 rounded to the nearest ten is 60, because 64 is closer to 60 than to 70.

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

Whole Number Addition and Subtraction

Helpful Hints		Example:
	1– Line up the numbers.	
	2– Start with the unit place. (ones place)	231 + 120 = 351
	3– Regroup if necessary.	292 – 90 = 202
	4– Add or subtract the tens place.	
	5– Continue with other digits.	

Solve.

1) A school had 891 students last year. If all last year students and 338 new students have registered for this year, how many students will there be in total?

2) Alice has just started her first job after graduating from college. Her yearly income is $33,000 per year. Alice's father income is $56,000 per year and her mother's income is $49,000. What is yearly income of Alice and her parent altogether?

3) Tom had $895 dollars in his saving account. He gave $235 dollars to his sister, Lisa. How much money does he have left?

4) Emily has 830 marbles, Daniel has 970 marbles, and Ethan has 230 marbles less than Daniel. How many marbles do they have in all?

Find the missing number.

5) 890 – ..... = 300

6) 1000 – ..... = 200

7) ..... – 4000 = 92000

8) 60000 – 51000 = ...

9) 3400 – ..... = 3200

10) 33000 – 5000 = ...

Whole Number Multiplication and Division

Helpful Hints

Multiplication:

– Learn the times tables first!

– For multiplication, line up the numbers you are multiplying.

– Start with the ones place.

– Continue with other digits

– A typical division problem:

Dividend ÷ Divisor = Quotient

Division:

– In division, we want to find how many times a number (divisor) is contained in another number (dividend).

– The result in a division problem is the quotient.

Example:

200 × 90 = 18,000

18,000 ÷ 90 = 200

Multiply and divided.

1) 340 ÷ 8 =
2) 1800 ÷ 20 =
3) 50000 ÷ 10 =
4) 966 ÷ 30 =
5) 201 × 20 =
6) 400 × 50 =
7) 400 × 90 =
8) 888 × 90 =
9) 80 × 80 =
10) 122 × 12 =
11) 609 × 8 =
12) 220 × 12 =

13) A group of 235 students has collected $8,565 for charity during last month. They decided to split the money evenly among 5 charities. How much will each charity receive?

14) Maria and her two brothers have 9 boxes of crayons. Each box contains 56 crayons. How many crayons do Maria and her two brothers have?

Rounding and Estimates

Helpful Hints		Example:
	– Rounding and estimating are math strategies used for approximating a number.	
	– To estimate means to make a rough guess or calculation.	73 + 69 ≈ 140
	– To round means to simplify a known number by scaling it slightly up or down.	

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

1) 55 + 9
2) 25 + 12
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
16) 418 + 846
17) 582 + 277
18) 2771 + 1651
19) 7436 + 3575
20) 1542 + 8738
21) 3843 + 6579
22) 4722 + 8186
23) 2419 + 7224
24) 6768 + 3169