ISEE MIDDLE LEVEL Math in 7 Days

The Math You Will Ever Need To ACE the ISEE MIDDLE LEVEL Math

2 Full-Length ISEE MIDDLE LEVEL Math Practice Tests

Reza Nazari & Ava Ross

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ISEE MIDDLE LEVEL Math in 7 Days

Step–By–Step Guide to Preparing for the ISEE MIDDLE LEVEL Math Test Quickly

By

Reza Nazari

& Ava Ross

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Description

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

ISEE MIDDLE LEVEL Math in 7 Days is full of specific and detailed material that will be key to succeeding on the ISEE Middle Level Mathematics section. It's filled with the critical math concepts a student will need in order to ace 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.

ISEE MIDDLE LEVEL Math in 7 Days helps students to focus on all Math topics that they will need to prepare for the ISEE Middle Level Math test. Students only need to spend about 4 – 6 hours daily in their 7–day period in order to be well prepared for the test. This book with 2 complete ISEE Middle Level Mathematics tests is all a student will ever need to fully prepare for the ISEE Middle Level Math.

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

Whether your student is intimidated by math, or even if he or she was the first to raise their hand in the Math classes, this book can help them accelerate the learning process and put them 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
- Step–by–step guide for all Math topics

- Targeted, skill–building practices
- A fun, interactive and concrete learning process
- 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 ISEE Middle Level Math Practice Tests that reflect the format and question types on ISEE Middle Level

ISEE MIDDLE LEVEL 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 ISEE Middle Level Mathematics tests are provided at the back of the book to refine students' Math skills.

Effortlessly and confidently follow the step–by–step instructions in this book to prepare for the ISEE Middle Level Mathematics in a short period of time.

ISEE MIDDLE LEVEL Math in 7 Days **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).

You'll be surprised how fast your student masters the Math topics covering on ISEE MIDDLE LEVEL Mathematics 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.

To ask questions about Math, you can contact Reza via email at:
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Day 1: Fundamentals and Building Blocks

Math Topics that you'll learn today:

- ✓ Adding Whole Numbers
- ✓ Subtracting Whole Numbers
- ✓ Dividing Whole Numbers
- ✓ Multiplying Whole Numbers
- ✓ Rounding Whole Numbers
- ✓ Whole Number Estimation
- ✓ Simplifying Fractions
- ✓ Adding and Subtracting Fractions
- ✓ Multiplying and Dividing Fractions
- ✓ Adding Mixed Numbers
- ✓ Subtracting Mixed Numbers
- ✓ Multiplying Mixed Numbers
- ✓ Dividing Mixed Numbers

Adding Whole Numbers

Helpful Hints

1– Line up the numbers.
2– Start with the unit place. (ones place)
3– Regroup if necessary.
4– Add the tens place.
5– Continue with other digits.

Example:

$$\begin{array}{r} 1,349 \\ +2,411 \\ \hline 3,760 \end{array}$$

Add.

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

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

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

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

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

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? _____

Subtracting Whole Numbers

Helpful Hints

1– Line up the numbers.
2– Start with the units place. (ones place)
3– Regroup if necessary.
4– Subtract the tens place.
5– Continue with other digits.

Example:

$$\begin{array}{r} 5{,}397 \\ -\ 2{,}416 \\ \hline 2{,}981 \end{array}$$

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) 3574 – ___ = 2245

9) 1124 – 578 = ___

10) 2300 – ___ = 1250

11) 3780 – 1890 = ___

12) 2880 – 2560 = ___

13) Jackson had $3,963 invested in the stock market until he lost $2,171 on those investments. How much money does he have in the stock market now?

Dividing Whole Numbers

Helpful	– A typical division problem: Dividend ÷ Divisor = Quotient	**Example:** 18,000 ÷ 90 = 200
Hints	– 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.	

Find answers.

1) 500 ÷ 100
2) 4000 ÷ 400
3) 1, 500 ÷ 500
4) 1, 800 ÷ 300
5) 2, 700 ÷ 900
6) 800 ÷ 200
7) 1, 400 ÷ 200
8) 2, 500 ÷ 500
9) 4, 800 ÷ 600
10) 9000 ÷ 200
11) 3, 600 ÷ 600
12) 3, 000 ÷ 500
13) 1000 ÷ 200
14) 4, 500 ÷ 900
15) 1, 200 ÷ 600
16) 6, 000 ÷ 200
17) 9, 000 ÷ 300
18) 2, 800 ÷ 400

Multiplying Whole Numbers

Helpful Hints	– Learn the times tables first! – For multiplication, line up the numbers you are multiplying. – Start with the ones place. – Continue with other digits	**Example:** 200 × 90 = 18,000

Find the answers.

1) $2400 \times 13 =$ _____

2) $1200 \times 10 =$ _____

3) $3120 \times 9 =$ _____

4) $4000 \times 4 =$ _____

5) $2500 \times 5 =$ _____

6) $3200 \times 25 =$ _____

7) $4178 \times 34 =$ _____

8) $9256 \times 26 =$ _____

9) $3191 \times 78 =$ _____

10) $4200 \times 12 =$ _____

11) $6800 \times 10 =$ _____

12) $8000 \times 55 =$ _____

Rounding Whole Numbers

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) 19<u>7</u>2
2) 2,<u>9</u>95
3) 33<u>6</u>4
4) 12<u>8</u>1
5) 23<u>5</u>5
6) 13<u>3</u>4
7) 1,<u>2</u>03
8) 14<u>5</u>7
9) 7<u>4</u>84
10) 19<u>1</u>4
11) 42<u>3</u>9
12) <u>9</u>,123
13) 3,4<u>5</u>2
14) 2<u>5</u>69
15) 1,<u>2</u>30
16) 7<u>6</u>98
17) 92<u>9</u>3
18) 52<u>3</u>7
19) 24<u>9</u>3
20) 2,<u>9</u>23
21) <u>9</u>,845
22) 45<u>5</u>5
23) 6<u>9</u>39
24) 98<u>6</u>9