TSI

MATH Practice Workbook 2022

The Most Comprehensive Review for the Math Section of the TSI TEST

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- ✓ Hone Your Math Skills
- ✓ Boost Your Confidence
- ✓ Overcome Your Exam Anxiety

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Reza Nazari

TSI Math Practice Workbook

2022

The Most Comprehensive Review for the Math Section of the TSI Test

By

Reza Nazari

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Welcome to
TSI Math Prep
2022



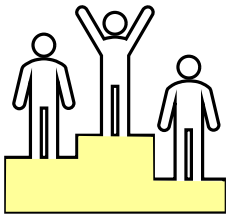
Thank you for choosing Effortless Math for your TSI Math test preparation and congratulations on making the decision to take the TSI test! It's a remarkable move you are taking, one that shouldn't be diminished in any capacity.

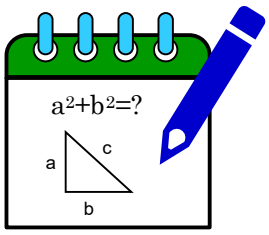


That's why you need to use every tool possible to ensure you succeed on the test with the highest possible score, and this extensive math workbook is one such tool.

If math has never been a strong subject for you, don't worry! This book along with our online TSI Math resources will help you prepare for (and even ACE) the TSI Math test. As test day draws nearer, effective preparation becomes increasingly more important. Thankfully, you have this comprehensive workbook to help you get ready for the test. With this book and Effortless Math online resources, you can feel confident that you will be more than ready for the TSI Math test when the time comes.

First and foremost, it is important to note that this book is a workbook and not a textbook. Every lesson of this practice book was carefully developed to ensure that you are making the most effective use of your time while preparing for the test. This up-to-date book reflects the 2022 test guidelines and will put you on the right track to hone your math skills, overcome exam anxiety, and boost your confidence, so that you can have your best to succeed on the TSI Math test.





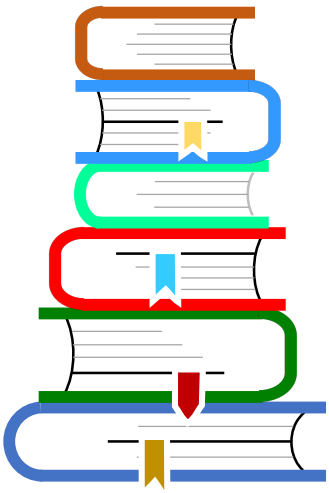
This exercise book will:

- ☑ Explain the format of the TSI Math test.
- ☑ Describe specific test-taking strategies that you can use on the test.
- ☑ Provide TSI Math test-taking tips.
- ☑ Help you identify the areas in which you need to concentrate your study time.
- ☑ Offer exercises that help you develop the basic math skills you will learn in each section.
- ☑ Give **2 realistic and full-length practice tests** (featuring new question types) with detailed answers to help you measure your exam readiness and build confidence.

This resource contains comprehensive practice questions and exercises that you will need to prepare for the TSI Math test. You'll get numerous skill building exercises as well as tips and techniques on how to prepare for your TSI math test.

In addition, in the following pages you'll find:

- **How to Use This Book Effectively** – This section provides you with step-by-step instructions on how to get the most out of this comprehensive study guide.
- **How to study for the TSI Math Test** – A six-step study program has been developed to help you make the best use of this book and prepare for your TSI Math test. Here you'll find tips and strategies to guide your study program and help you understand TSI Math and how to ace the test.



- **TSI Math Review** – Learn everything you need to know about the TSI Math test.
- **TSI Math Test-Taking Strategies** – Learn how to effectively put these recommended test-taking techniques into use for improving your TSI Math score.
- **Test Day Tips** – Review these tips to make sure you will do your best when the big day comes.

Effortless Math's TSI Online Center

Effortless Math Online TSI Center offers a complete study program, including the following:

- ✓ Step-by-step instructions on how to prepare for the TSI Math test
- ✓ Numerous TSI Math worksheets to help you measure your math skills
- ✓ Complete list of TSI Math formulas
- ✓ Video lessons for all TSI Math topics
- ✓ Full-length TSI Math practice tests
- ✓ And much more…

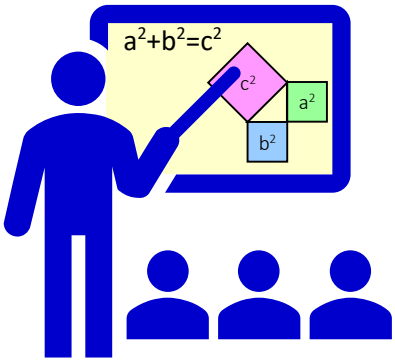
No Registration Required.

Visit **EffortlessMath.com/TSI** to find your online TSI Math resources.

How to Use This Book Effectively

Look no further when you need a study program to improve your math skills to succeed on the math portion of the TSI test. Each chapter of this comprehensive workbook will provide you with the knowledge, tools, and understanding needed for every topic covered on the test.

It's imperative that you understand each topic before moving onto another one, as that's the way to guarantee your success. You can use Effortless Math online course (a free course) to find examples and a step-by-step guide of every math concept in this workbook to better understand the content that will be on the test. To get the best possible results from this book:



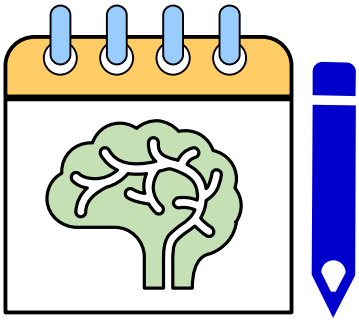
- **Begin studying long before your test date**. This provides you ample time to learn the different math concepts. The earlier you begin studying for the test, the sharper your skills will be. Do not procrastinate! Provide yourself with plenty of time to learn the concepts and feel comfortable that you understand them when your test date arrives.
- **Practice consistently**. Study TSI Math concepts at least 20 to 30 minutes a day. Remember, slow and steady wins the race, which can be applied to preparing for the TSI Math test. Instead of cramming to tackle everything at once, be patient and learn the math topics in short bursts.
- Whenever you get a math problem wrong, **mark it off, and review it later** to make sure you understand the concept.
- Start each session by **looking over the previous material.**
- Once you've reviewed the book's exercises, **take a practice test at the back of the book** to gauge your level of readiness. Then, review your results. Read detailed answers and solutions for each question you missed.
- **Take another practice test** to get an idea of how ready you are to take the actual exam. Taking the practice tests will give you the confidence you need on test day. Simulate the TSI testing environment by sitting in a quiet room free from distraction. Make sure to clock yourself with a timer.

How to Study for the TSI Math Test

Studying for the TSI Math test can be a really daunting and boring task. What's the best way to go about it? Is there a certain study method that works better than others? Well, studying for the TSI Math can be done effectively. The following six-step program has been designed to make preparing for the TSI Math test more efficient and less overwhelming.

Step 1 - Create a study plan
Step 2 - Choose your study resources
Step 3 - Review, Learn, Practice
Step 4 - Learn and practice test-taking strategies
Step 5 - Learn the TSI Test format and take practice tests
Step 6 - Analyze your performance

Step 1: Create a Study Plan



It's always easier to get things done when you have a plan. Creating a study plan for the TSI Math test can help you to stay on track with your studies. It's important to sit down and prepare a study plan with what works with your life, work, and any other obligations you may have. Devote enough time each day to studying. It's also a great idea to break down each section of the exam into blocks and study one concept at a time.
It's important to understand that there is no "right" way to create a study plan. Your study plan will be personalized based on your specific needs and learning style.

Follow these guidelines to create an effective study plan for your TSI Math test:

- ★ **Analyze your learning style and study habits** – Everyone has a different learning style. It is essential to embrace your individuality and the unique way you learn. Think about what works and what doesn't work for you. Do you prefer TSI Math prep books or a combination of textbooks and video lessons? Does it work better for you if you study every night for thirty minutes or is it more effective to study in the morning before going to work?

Adding Mixed Numbers

Solve and write the answer in lowest terms.

1) $1\frac{1}{5}+2\frac{2}{5}=$

2) $1\frac{1}{2}+4\frac{5}{6}=$

3) $2\frac{4}{5}+2\frac{3}{10}=$

4) $3\frac{1}{6}+2\frac{2}{5}=$

5) $1\frac{5}{6}+1\frac{2}{5}=$

6) $3\frac{5}{7}+1\frac{2}{9}=$

7) $3\frac{5}{8}+2\frac{1}{3}=$

8) $1\frac{6}{7}+3\frac{2}{9}=$

9) $2\frac{5}{9}+1\frac{1}{4}=$

10) $3\frac{7}{9}+2\frac{5}{6}=$

11) $2\frac{1}{10}+2\frac{2}{5}=$

12) $1\frac{3}{10}+3\frac{4}{5}=$

13) $3\frac{1}{12}+2\frac{1}{3}=$

14) $5\frac{1}{11}+1\frac{1}{2}=$

15) $3\frac{1}{21}+2\frac{2}{3}=$

16) $4\frac{1}{24}+1\frac{5}{8}=$

17) $2\frac{1}{25}+3\frac{3}{5}=$

18) $3\frac{1}{15}+2\frac{2}{10}=$

19) $5\frac{6}{7}+2\frac{1}{3}=$

20) $2\frac{1}{8}+3\frac{3}{4}=$

21) $2\frac{5}{7}+2\frac{2}{21}=$

22) $4\frac{1}{6}+1\frac{4}{5}=$

23) $2\frac{1}{7}+2\frac{3}{8}=$

24) $3\frac{1}{4}+2\frac{2}{3}=$

25) $1\frac{1}{13}+2\frac{3}{4}=$

26) $3\frac{2}{35}+2\frac{5}{7}=$

Multiplying and Dividing Fractions

Solve and write the answer in lowest term.

1) $\frac{1}{3} \times \frac{9}{5} =$

2) $\frac{1}{4} \times \frac{3}{7} =$

3) $\frac{1}{5} \div \frac{1}{4} =$

4) $\frac{1}{6} \div \frac{5}{12} =$

5) $\frac{2}{3} \times \frac{4}{7} =$

6) $\frac{5}{7} \times \frac{3}{4} =$

7) $\frac{2}{5} \div \frac{3}{7} =$

8) $\frac{3}{7} \div \frac{5}{8} =$

9) $\frac{3}{8} \times \frac{4}{7} =$

10) $\frac{2}{9} \times \frac{6}{11} =$

11) $\frac{1}{10} \div \frac{3}{8} =$

12) $\frac{3}{10} \div \frac{4}{5} =$

13) $\frac{6}{7} \times \frac{4}{9} =$

14) $\frac{3}{7} \times \frac{5}{6} =$

15) $\frac{7}{9} \div \frac{6}{11} =$

16) $\frac{1}{15} \div \frac{2}{3} =$

17) $\frac{1}{13} \times \frac{1}{2} =$

18) $\frac{1}{12} \times \frac{4}{7} =$

19) $\frac{1}{15} \div \frac{4}{9} =$

20) $\frac{1}{16} \div \frac{1}{2} =$

21) $\frac{4}{7} \times \frac{5}{8} =$

22) $\frac{1}{11} \times \frac{4}{5} =$

23) $\frac{1}{16} \div \frac{5}{8} =$

24) $\frac{1}{15} \div \frac{2}{3} =$

25) $\frac{1}{13} \times \frac{2}{5} =$

26) $\frac{1}{18} \times \frac{3}{7} =$



Adding and Subtracting Fractions

Calculate and write the answer in lowest term.

1) $\frac{1}{3}+\frac{1}{5}=$

2) $\frac{2}{5}+\frac{3}{8}=$

3) $\frac{1}{3}-\frac{2}{9}=$

4) $\frac{4}{5}-\frac{2}{9}=$

5) $\frac{2}{9}+\frac{1}{3}=$

6) $\frac{3}{10}+\frac{2}{5}=$

7) $\frac{9}{10}-\frac{4}{5}=$

8) $\frac{7}{9}-\frac{3}{7}=$

9) $\frac{3}{4}+\frac{1}{3}=$

10) $\frac{3}{8}+\frac{2}{5}=$

11) $\frac{3}{4}-\frac{2}{5}=$

12) $\frac{7}{9}-\frac{2}{3}=$

13) $\frac{4}{9}+\frac{5}{6}=$

14) $\frac{2}{3}+\frac{1}{4}=$

15) $\frac{9}{10}-\frac{3}{5}=$

16) $\frac{7}{12}-\frac{1}{2}=$

17) $\frac{4}{5}+\frac{2}{3}=$

18) $\frac{5}{7}+\frac{1}{5}=$

19) $\frac{5}{9}-\frac{2}{5}=$

20) $\frac{3}{5}-\frac{2}{9}=$

21) $\frac{7}{9}+\frac{1}{7}=$

22) $\frac{5}{8}+\frac{2}{3}=$

23) $\frac{5}{7}-\frac{2}{5}=$

24) $\frac{7}{9}-\frac{3}{4}=$

25) $\frac{3}{5}-\frac{1}{6}=$

26) $\frac{3}{12}+\frac{2}{7}=$

Simplifying Fractions

Simplify each fraction.

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

2) $\frac{7}{21} =$

3) $\frac{11}{44} =$

4) $\frac{6}{24} =$

5) $\frac{6}{18} =$

6) $\frac{18}{27} =$

7) $\frac{15}{55} =$

8) $\frac{24}{54} =$

9) $\frac{63}{72} =$

10) $\frac{40}{64} =$

11) $\frac{23}{46} =$

12) $\frac{35}{63} =$

13) $\frac{32}{36} =$

14) $\frac{81}{99} =$

15) $\frac{16}{64} =$

16) $\frac{14}{35} =$

17) $\frac{19}{38} =$

18) $\frac{18}{54} =$

19) $\frac{56}{70} =$

20) $\frac{40}{45} =$

21) $\frac{9}{90} =$

22) $\frac{20}{25} =$

23) $\frac{36}{42} =$

24) $\frac{40}{48} =$

25) $\frac{18}{54} =$

26) $\frac{48}{144} =$

Chapter 1: Fractions and Mixed Numbers



Math Topics that you'll learn in this Chapter:

- ✓ Simplifying Fractions
- ✓ Adding and Subtracting Fractions
- ✓ Multiplying and Dividing Fractions
- ✓ Adding Mixed Numbers
- ✓ Subtracting Mixed Numbers
- ✓ Multiplying Mixed Numbers
- ✓ Dividing Mixed Numbers

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After your test

- **Take it easy** - You will need to set some time aside to relax and decompress once the test has concluded. There is no need to stress yourself out about what you could've said, or what you may have done wrong. At this point, there's nothing you can do about it. Your energy and time would be better spent on something that will bring you happiness for the remainder of your day.

- **Redoing the test** - Did you pass the test? Congratulations! Your hard work paid off!

  If you have failed your test, though, don't worry! The test can be retaken. In such cases, you will need to follow the retake policy. You also need to re-register to take the exam again.

- **Have faith in yourself** - When you feel confident, you will be able to perform at your best. When you are waiting for the test to begin, envision yourself receiving an outstanding result. Try to see yourself as someone who knows all the answers, no matter what the questions are. A lot of athletes tend to use this technique–particularly before a big competition. Your expectations will be reflected by your performance.

During your test

- **Be calm and breathe deeply** - You need to relax before the test, and some deep breathing will go a long way to help you do that. Be confident and calm. You got this. Everybody feels a little stressed out just before an evaluation of any kind is set to begin. Learn some effective breathing exercises. Spend a minute meditating before the test starts. Filter out any negative thoughts you have. Exhibit confidence when having such thoughts.

- **Concentrate on the test** - Refrain from comparing yourself to anyone else. You shouldn't be distracted by the people near you or random noise. Concentrate exclusively on the test. If you find yourself irritated by surrounding noises, earplugs can be used to block sounds off close to you. Don't forget–the test is going to last several hours if you're taking more than one subject of the test. Some of that time will be dedicated to brief sections. Concentrate on the specific section you are working on during a particular moment. Do not let your mind wander off to upcoming or previous sections.

- **Try to answer each question individually** - Focus only on the question you are working on. Use one of the test-taking strategies to solve the problem. If you aren't able to come up with an answer, don't get frustrated. Simply skip that question, then move onto the next one.

- **Don't forget to breathe!** Whenever you notice your mind wandering, your stress levels boosting, or frustration brewing, take a thirty-second break. Shut your eyes, drop your pencil, breathe deeply, and let your shoulders relax. You will end up being more productive when you allow yourself to relax for a moment.

- **Optimize your breaks** - When break time comes, use the restroom, have a snack, and reactivate your energy for the subsequent section. Doing some stretches can help stimulate your blood flow.

The Day of the Test

- **Get up reasonably early, but not too early.**
- **Have breakfast** - Breakfast improves your concentration, memory, and mood. As such, make sure the breakfast that you eat in the morning is healthy. The last thing you want to be is distracted by a grumbling tummy. If it's not your own stomach making those noises, another test taker close to you might be instead. Prevent discomfort or embarrassment by consuming a healthy breakfast. Bring a snack with you if you think you'll need it.
- **Follow your daily routine** - Do you watch Good Morning America each morning while getting ready for the day? Don't break your usual habits on the day of the test. Likewise, if coffee isn't something you drink in the morning, then don't take up the habit hours before your test. Routine consistency lets you concentrate on the main objective–doing the best you can on your test.
- **Wear layers** - Dress yourself up in comfortable layers. You should be ready for any kind of internal temperature. If it gets too warm during the test, take a layer off.
- **Get there on time** - The last thing you want to do is get to the test site late. Rather, you should be there 45 minutes prior to the start of the test. Upon your arrival, try not to hang out with anybody who is nervous. Any anxious energy they exhibit shouldn't influence you.
- **Leave the books at home** - No books should be brought to the test site. If you start developing anxiety before the test, books could encourage you to do some last-minute studying, which will only hinder you. Keep the books far away–better yet, leave them at home.
- **Make your voice heard** - If something is off, speak to a proctor. If medical attention is needed or if you'll require anything, consult the proctor prior to the start of the test. Any doubts you have should be clarified. You should be entering the test site with a state of mind that is completely clear.

TSI Math – Test Day Tips

After practicing and reviewing all the math concepts you've been taught, and taking some TSI mathematics practice tests, you'll be prepared for test day. Consider the following tips to be extra-ready come test time.

Before Your Test

What to do the night before:

- **Relax!** One day before your test, study lightly or skip studying altogether. You shouldn't attempt to learn something new, either. There are plenty of reasons why studying the evening before a big test can work against you. Put it this way–a marathoner wouldn't go out for a sprint before the day of a big race. Mental marathoners–such as yourself–should not study for any more than one hour 24 hours before a TSI test. That's because your brain requires some rest to be at its best. The night before your exam, spend some time with family or friends, or read a book.
- **Avoid bright screens** - You'll have to get some good shuteye the night before your test. Bright screens (such as the ones coming from your laptop, TV, or mobile device) should be avoided altogether. Staring at such a screen will keep your brain up, making it hard to drift asleep at a reasonable hour.
- **Make sure your dinner is healthy** - The meal that you have for dinner should be nutritious. Be sure to drink plenty of water as well. Load up on your complex carbohydrates, much like a marathon runner would do. Pasta, rice, and potatoes are ideal options here, as are vegetables and protein sources.
- **Get your bag ready for test day** - The night prior to your test, pack your bag with your stationery, admissions pass, ID, and any other gear that you need. Keep the bag right by your front door.
- **Make plans to reach the testing site** - Before going to sleep, ensure that you understand precisely how you will arrive at the site of the test. If parking is something you'll have to find first, plan for it. If you're dependent on public transit, then review the schedule. You should also make sure that the train/bus/subway/streetcar you use will be running. Find out about road closures as well. If a parent or friend is accompanying you, ensure that they understand what steps they have to take as well.

#5: Plugging In Numbers

"Plugging in numbers" is a strategy that can be applied to a wide range of different math problems on the TSI Math test. This approach is typically used to simplify a challenging question so that it is more understandable. By using the strategy carefully, you can find the answer without too much trouble.

The concept is fairly straightforward–replace unknown variables in a problem with certain values. When selecting a number, consider the following:

- Choose a number that's basic (just not too basic). Generally, you should avoid choosing 1 (or even 0). A decent choice is 2.
- Try not to choose a number that is displayed in the problem.
- Make sure you keep your numbers different if you need to choose at least two of them.
- More often than not, choosing numbers merely lets you filter out some of your answer choices. As such, don't just go with the first choice that gives you the right answer.
- If several answers seem correct, then you'll need to choose another value and try again. This time, though, you'll just need to check choices that haven't been eliminated yet.
- If your question contains fractions, then a potential right answer may involve either an LCD (least common denominator) or an LCD multiple.
- 100 is the number you should choose when you are dealing with problems involving percentages.

#3: BALLPARK

A ballpark answer is a rough approximation. When we become overwhelmed by calculations and figures, we end up making silly mistakes. A decimal that is moved by one unit can change an answer from right to wrong, regardless of the number of steps that you went through to get it. That's where ballparking can play a big part.

If you think you know what the correct answer may be (even if it's just a ballpark answer), you'll usually have the ability to eliminate a couple of choices. While answer choices are usually based on the average student error and/or values that are closely tied, you will still be able to weed out choices that are way far afield. Try to find answers that aren't in the proverbial ballpark when you're looking for a wrong answer on a multiple-choice question. This is an optimal approach to eliminating answers to a problem.

#4: BACKSOLVING

A majority of questions on the TSI Math test will be in multiple-choice format. Many test-takers prefer multiple-choice questions, as at least the answer is right there. You'll typically have four answers to pick from. You simply need to figure out which one is correct. Usually, the best way to go about doing so is "backsolving."

As mentioned earlier, direct solutions are the most optimal approach to answering a question. Carefully read through a problem, calculate a solution, then correspond the answer with one of the choices displayed in front of you. If you can't calculate a solution, your next best approach involves "backsolving."

When backsolving a problem, contrast one of your answer options against the problem you are asked, then see which of them is most relevant. More often than not, answer choices are listed in ascending or descending order. In such cases, try out the choices B or C. If it's not correct, you can go either down or up from there.

TSI Math Test-Taking Strategies

Here are some test-taking strategies that you can use to maximize your performance and results on the TSI Math test.

#1: Use This Approach To Answer Every TSI Math Question

- Review the question to identify keywords and important information.
- Translate the keywords into math operations so you can solve the problem.
- Review the answer choices. What are the differences between answer choices?
- Draw or label a diagram if needed.
- Try to find patterns.
- Find the right method to answer the question. Use straightforward math, plug in numbers, or test the answer choices (backsolving).
- Double-check your work.

#2: Use Educated Guessing

This approach is applicable to the problems you understand to some degree but cannot solve using straightforward math. In such cases, try to filter out as many answer choices as possible before picking an answer. In cases where you don't have a clue about what a certain problem entails, don't waste any time trying to eliminate answer choices. Just choose one randomly before moving onto the next question.

As you can ascertain, direct solutions are the most optimal approach. Carefully read through the question, determine what the solution is using the math you have learned before, then coordinate the answer with one of the choices available to you. Are you stumped? Make your best guess, then move on.

Don't leave any fields empty! Even if you're unable to work out a problem, strive to answer it. Take a guess if you have to. You will not lose points by getting an answer wrong, though you may gain a point by getting it correct!

TSI Test Review

The Texas Success Initiative Assessment, is known as the TSI (or the new version of it, TSIA2), is a test to determine the appropriate level of college course work for an incoming student. In essence, it is a broad and quick assessment of students' academic abilities.

The TSI test consists of three separate exams:

- Mathematics
- Reading
- Writing

The mathematics portion of the TSI test contains 20 questions. The test covers data analysis, geometry, and algebra on both intermediate and basic levels.
Students are not allowed to use calculator when taking a TSI assessment. A pop-up calculator is embedded in the test for some questions.

Looking for more?

Visit EffortlessMath.com/TSI to find hundreds of TSI Math worksheets, video tutorials, practice tests, TSI Math formulas, and much more.

Or scan this QR code.

No Registration Required.

STEP 5: Learn the TSI Test Format and Take Practice Tests



The TSI *Test Review* section provides information about the structure of the TSI test. Read this section to learn more about the TSI test structure, different test sections, the number of questions in each section, and the section time limits. When you have a prior understanding of the test format and different types of TSI Math questions, you'll feel more confident when you take the actual exam.

Once you have read through the instructions and lessons and feel like you are ready to go – take advantage of both of the full-length TSI Math practice tests available in this exercise book. Use the practice tests to sharpen your skills and build confidence.

The TSI Math practice tests offered at the end of the book are formatted similarly to the actual TSI Math test. When you take each practice test, try to simulate actual testing conditions. To take the practice tests, sit in a quiet space, time yourself, and work through as many of the questions as time allows. The practice tests are followed by detailed answer explanations to help you find your weak areas, learn from your mistakes, and raise your TSI Math score.

STEP 6: Analyze Your Performance



After taking the practice tests, look over the answer keys and explanations to learn which questions you answered correctly and which you did not. Never be discouraged if you make a few mistakes. See them as a learning opportunity. This will highlight your strengths and weaknesses.

You can use the results to determine if you need additional practice or if you are ready to take the actual TSI Math test.

STEP 3: Review, Learn, Practice

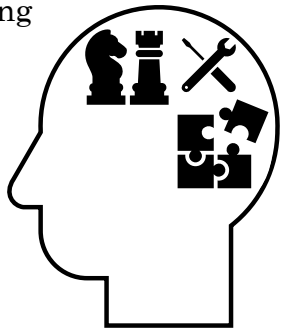


This TSI Math exercise book breaks down each subject into specific skills or content areas. For instance, the percent concept is separated into different topics–percent calculation, percent increase and decrease, percent problems, etc. Use this book to help you go over all key math concepts and topics on the TSI Math test.

As you review each topic, take notes or highlight the concepts you would like to go over again in the future. If you're unfamiliar with a topic or something is difficult for you, use the link (or the QR code) at the top of the page to find the webpage that provides more instruction about that topic. For each math topic, plenty of instructions, step-by-step guides, and examples are provided to ensure you get a good grasp of the material.

Quickly review the topics you do understand to get a brush-up of the material. Be sure to do the practice questions provided at the end of every chapter to measure your understanding of the concepts.

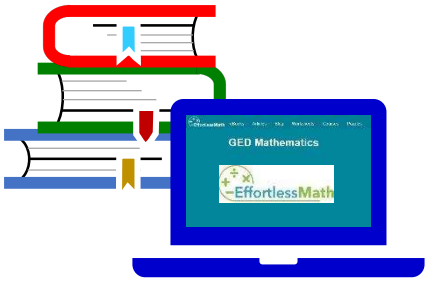
STEP 4: Learn and Practice Test-taking Strategies



In the following sections, you will find important test-taking strategies and tips that can help you earn extra points. You'll learn how to think strategically and when to guess if you don't know the answer to a question. Using TSI Math test-taking strategies and tips can help you raise your score and do well on the test. Apply test taking strategies on the practice tests to help you boost your confidence.

- ★ **Evaluate your schedule** – Review your current schedule and find out how much time you can consistently devote to TSI Math study.
- ★ **Develop a schedule** – Now it's time to add your study schedule to your calendar like any other obligation. Schedule time for study, practice, and review. Plan out which topic you will study on which day to ensure that you're devoting enough time to each concept. Develop a study plan that is mindful, realistic, and flexible.
- ★ **Stick to your schedule** – A study plan is only effective when it is followed consistently. You should try to develop a study plan that you can follow for the length of your study program.
- ★ **Evaluate your study plan and adjust as needed** – Sometimes you need to adjust your plan when you have new commitments. Check in with yourself regularly to make sure that you're not falling behind in your study plan. Remember, the most important thing is sticking to your plan. Your study plan is all about helping you be more productive. If you find that your study plan is not as effective as you want, don't get discouraged. It's okay to make changes as you figure out what works best for you.

STEP 2: Choose Your Study Resources



There are numerous textbooks and online resources available for the TSI Math test, and it may not be clear where to begin. Don't worry! This exercise book reviews all TSI Math concepts and topics. In addition to the book content, you can also use Effortless Math's online resources. (video lessons, worksheets, formulas, etc.) On each page, there is a link (and a QR code) to an online webpage which provides a comprehensive review of the topic, step-by-step instruction, video tutorial, and numerous examples and exercises to help you fully understand the concept.

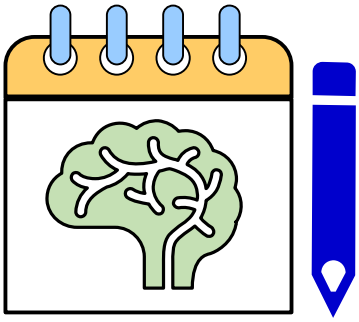
Simply visit EffortlessMath.com/TSI to find your online TSI Math resources.

How to Study for the TSI Math Test

Studying for the TSI Math test can be a really daunting and boring task. What's the best way to go about it? Is there a certain study method that works better than others? Well, studying for the TSI Math can be done effectively. The following six-step program has been designed to make preparing for the TSI Math test more efficient and less overwhelming.

Step 1 - Create a study plan
Step 2 - Choose your study resources
Step 3 - Review, Learn, Practice
Step 4 - Learn and practice test-taking strategies
Step 5 - Learn the TSI Test format and take practice tests
Step 6 - Analyze your performance

Step 1: Create a Study Plan



It's always easier to get things done when you have a plan. Creating a study plan for the TSI Math test can help you to stay on track with your studies. It's important to sit down and prepare a study plan with what works with your life, work, and any other obligations you may have. Devote enough time each day to studying. It's also a great idea to break down each section of the exam into blocks and study one concept at a time.
It's important to understand that there is no "right" way to create a study plan. Your study plan will be personalized based on your specific needs and learning style.

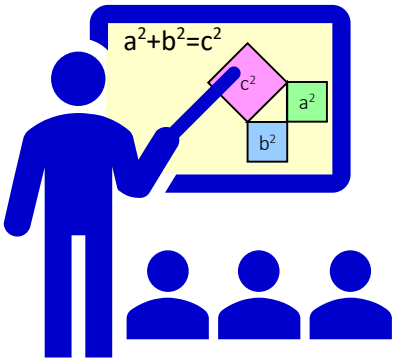
Follow these guidelines to create an effective study plan for your TSI Math test:

- ★ **Analyze your learning style and study habits** – Everyone has a different learning style. It is essential to embrace your individuality and the unique way you learn. Think about what works and what doesn't work for you. Do you prefer TSI Math prep books or a combination of textbooks and video lessons? Does it work better for you if you study every night for thirty minutes or is it more effective to study in the morning before going to work?

How to Use This Book Effectively

Look no further when you need a study program to improve your math skills to succeed on the math portion of the TSI test. Each chapter of this comprehensive workbook will provide you with the knowledge, tools, and understanding needed for every topic covered on the test.

It's imperative that you understand each topic before moving onto another one, as that's the way to guarantee your success. You can use Effortless Math online course (a free course) to find examples and a step-by-step guide of every math concept in this workbook to better understand the content that will be on the test. To get the best possible results from this book:



- **Begin studying long before your test date**. This provides you ample time to learn the different math concepts. The earlier you begin studying for the test, the sharper your skills will be. Do not procrastinate! Provide yourself with plenty of time to learn the concepts and feel comfortable that you understand them when your test date arrives.
- **Practice consistently**. Study TSI Math concepts at least 20 to 30 minutes a day. Remember, slow and steady wins the race, which can be applied to preparing for the TSI Math test. Instead of cramming to tackle everything at once, be patient and learn the math topics in short bursts.
- Whenever you get a math problem wrong, **mark it off, and review it later** to make sure you understand the concept.
- Start each session by **looking over the previous material.**
- Once you've reviewed the book's exercises, **take a practice test at the back of the book** to gauge your level of readiness. Then, review your results. Read detailed answers and solutions for each question you missed.
- **Take another practice test** to get an idea of how ready you are to take the actual exam. Taking the practice tests will give you the confidence you need on test day. Simulate the TSI testing environment by sitting in a quiet room free from distraction. Make sure to clock yourself with a timer.

- **TSI Math Review** – Learn everything you need to know about the TSI Math test.
- **TSI Math Test-Taking Strategies** – Learn how to effectively put these recommended test-taking techniques into use for improving your TSI Math score.
- **Test Day Tips** – Review these tips to make sure you will do your best when the big day comes.

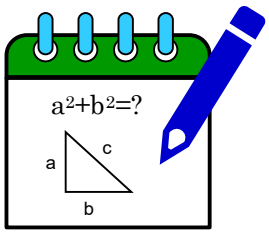
Effortless Math's TSI Online Center

Effortless Math Online TSI Center offers a complete study program, including the following:

- ✓ Step-by-step instructions on how to prepare for the TSI Math test
- ✓ Numerous TSI Math worksheets to help you measure your math skills
- ✓ Complete list of TSI Math formulas
- ✓ Video lessons for all TSI Math topics
- ✓ Full-length TSI Math practice tests
- ✓ And much more…

No Registration Required.

Visit **EffortlessMath.com/TSI** to find your online TSI Math resources.



This exercise book will:

- ☑ Explain the format of the TSI Math test.
- ☑ Describe specific test-taking strategies that you can use on the test.
- ☑ Provide TSI Math test-taking tips.
- ☑ Help you identify the areas in which you need to concentrate your study time.
- ☑ Offer exercises that help you develop the basic math skills you will learn in each section.
- ☑ Give **2 realistic and full-length practice tests** (featuring new question types) with detailed answers to help you measure your exam readiness and build confidence.

This resource contains comprehensive practice questions and exercises that you will need to prepare for the TSI Math test. You'll get numerous skill building exercises as well as tips and techniques on how to prepare for your TSI math test.

In addition, in the following pages you'll find:

- **How to Use This Book Effectively** – This section provides you with step-by-step instructions on how to get the most out of this comprehensive study guide.
- **How to study for the TSI Math Test** – A six-step study program has been developed to help you make the best use of this book and prepare for your TSI Math test. Here you'll find tips and strategies to guide your study program and help you understand TSI Math and how to ace the test.

