

TABE MATH PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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1. The largest number of participants paid how much for registration?
- A. \$25
 - B. \$50
 - C. \$100
 - D. \$75
2. What is the perimeter of the pool?
- A. 84 feet
 - B. 86 feet
 - C. 88 feet
 - D. 90 feet
3. A carpenter needs to order 20 boxes of nails. Each box costs \$3.89. Approximately how much will the carpenter pay for the nails?
- A. \$40
 - B. \$80
 - C. \$120
 - D. \$20
4. What is the total time for three standard appointments?
- A. 60
 - B. 75
 - C. 90
 - D. 120
5. What is 10 multiplied by -6?
- A. -56
 - B. -60
 - C. 60
 - D. -120
6. What is $407 \div 37$?
- A. 9
 - B. 13
 - C. 11
 - D. 12

7. What is half of $\frac{4}{7}$?

- A. $\frac{4}{7}$
- B. $\frac{1}{7}$
- C. $\frac{8}{7}$
- D. $\frac{2}{7}$

8. Round 2.647 to the nearest tenth.

- A. 2.7
- B. 2.65
- C. 2.64
- D. 2.6

9. In another pattern, the next image would consist of how many blocks?

- A. 5 blocks
- B. 9 blocks
- C. 7 blocks
- D. 11 blocks

10. In Summer the pool is open every day from 6 am to 8 pm. How many hours is the pool open each day of the Summer?

- A. 12 hours
- B. 14 hours
- C. 16 hours
- D. 18 hours

Answers

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1. D
2. B
3. B
4. C
5. B
6. C
7. D
8. D
9. C
10. B

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Explanations

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1. The largest number of participants paid how much for registration?

- A. \$25
- B. \$50
- C. \$100
- D. \$75**

When you're looking at how many people paid each registration amount, focus on which price has the highest count. The data are showing frequencies for each price, so the price with the tallest bar (or the largest number in the counts column) is the one paid by the most participants. Here, the amount \$75 has the highest count, so the largest number of participants paid \$75 for registration. The other prices have shorter bars, meaning fewer people chose those amounts. If two prices had the same tallest height, they'd share the distinction, but in this case \$75 stands tallest.

2. What is the perimeter of the pool?

- A. 84 feet
- B. 86 feet**
- C. 88 feet
- D. 90 feet

Perimeter is the distance around the outside of a shape. For a rectangle, you can find it by adding all four sides, or by doubling the sum of its length and width since opposite sides are equal. If the pool's length is 23 ft and its width is 20 ft, then the perimeter is $2 \times (23 + 20) = 2 \times 43 = 86$ ft. You can also add the sides directly: $23 + 20 + 23 + 20 = 86$ ft. This matches the correct result.

3. A carpenter needs to order 20 boxes of nails. Each box costs \$3.89. Approximately how much will the carpenter pay for the nails?

- A. \$40
- B. \$80**
- C. \$120
- D. \$20

Rounding and multiplication help estimate costs. Each box costs about 3.89 dollars, so for 20 boxes you estimate using 4 dollars per box. $20 \times 4 = 80$. Since 3.89 is very close to 4, the total is about \$80. The exact total is $20 \times 3.89 = 77.80$, which is also near 80, so 80 is the best estimate. The other totals are farther from the actual total, implying much cheaper or more expensive per box.

4. What is the total time for three standard appointments?

- A. 60
- B. 75
- C. 90**
- D. 120

To find the total time for several identical periods, multiply the length of one period by how many periods occur. If a standard appointment lasts 30 minutes, three of them add up as $30 + 30 + 30 = 90$ minutes. So the total time is 90 minutes (1 hour and 30 minutes).

5. What is 10 multiplied by -6?

- A. -56
- B. -60**
- C. 60
- D. -120

When you multiply a positive number by a negative number, the product is negative. You multiply their absolute values and then apply the negative sign. Here, 10×6 equals 60, and since one factor is negative, the result is -60. The other options don't fit: -56 and -120 have magnitudes other than 60, and 60 would be positive only if both factors were positive.

6. What is $407 \div 37$?

- A. 9
- B. 13
- C. 11**
- D. 12

Think of how many times 37 fits into 407. It fits into 40 once, since 37 is just under 40, leaving a remainder of 3. Bring down the 7 to make 37, which fits exactly once more, leaving a remainder of 0. So the quotient is 11. You can check by multiplying back: $37 \times 11 = 370 + 37 = 407$.

7. What is half of $4/7$?

- A. $4/7$
- B. $1/7$
- C. $8/7$
- D. $2/7$**

Half of a fraction is found by multiplying by one-half. So $(4/7) \times (1/2)$ equals $4/14$, which simplifies to $2/7$. This is the halved amount, since multiplying by $1/2$ reduces the value; doubling would give $8/7$, and the original is $4/7$.

8. Round 2.647 to the nearest tenth.

- A. 2.7
- B. 2.65
- C. 2.64
- D. 2.6**

Rounding to the nearest tenth means using the hundredths digit to decide whether to bump the tenths digit up by one. For 2.647, the tenths digit is 6 and the hundredths digit is 4. Since 4 is less than 5, you keep the tenths digit as 6 and drop the rest, giving 2.6. If the hundredths digit were 5 or more, you'd round up to 2.7. The numbers 2.65 and 2.64 would result from rounding to the nearest hundredth, not the nearest tenth.

9. In another pattern, the next image would consist of how many blocks?

- A. 5 blocks
- B. 9 blocks
- C. 7 blocks**
- D. 11 blocks

This question tests recognizing a simple progression in the number of blocks from one image to the next. The pattern adds a fixed number of blocks each step, specifically two more blocks than the previous image. So the next image should have two more blocks than the one before it. If the current image has five blocks, adding two gives seven blocks. That's why the next image has seven blocks. The other numbers would skip a step or add more than the consistent increase, so they don't fit the immediate next point in this pattern.

10. In Summer the pool is open every day from 6 am to 8 pm. How many hours is the pool open each day of the Summer?

- A. 12 hours
- B. 14 hours**
- C. 16 hours
- D. 18 hours

From 6:00 am to 8:00 pm, count the hours in two chunks: 6:00 am to 12:00 pm is 6 hours, and 12:00 pm to 8:00 pm is 8 hours. Add them together: $6 + 8 = 14$ hours. In 24-hour terms, 06:00 to 20:00 is $20 - 6 = 14$ hours. So the pool is open for 14 hours each day.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://tabemath.examzify.com>

We wish you the very best on your exam journey. You've got this!

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