

TABE Math Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

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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. Which unit would probably be most appropriate for measuring the length of an insect?**
 - A. Centimeters**
 - B. Millimeters**
 - C. Kilometers**
 - D. Meters**

- 2. What is the average quarterly sales for the Chino Valley Store?**
 - A. \$215,000**
 - B. \$225,000**
 - C. \$235,000**
 - D. \$245,000**

- 3. What is 1.62 divided by 2?**
 - A. 0.162**
 - B. 1.62**
 - C. 0.81**
 - D. 0.405**

- 4. Jane is paying her bills using checks. The rent is \$650.05. How should this be written out on the check?**
 - A. six hundred fifty and 0/100**
 - B. six hundred fifty and 5/100**
 - C. six hundred fifty and 50/100**
 - D. six hundred fifty and 5/1000**

- 5. Dr. Patterson's schedule excerpt indicates which type of appointments are the longest?**
 - A. Follow-Up**
 - B. Emergency**
 - C. New Patient**
 - D. Consultation**

6. If you swap the hundreds and tens digits of 6789, what number do you get?
- A. 6879
 - B. 8769
 - C. 7698
 - D. 6789
7. What is -5 multiplied by 12?
- A. -60
 - B. 60
 - C. -12
 - D. 0
8. Subtract 3829 from 9324.
- A. 5490
 - B. 5495
 - C. 5500
 - D. 5485
9. If Summer hours are 14 hours per day and Winter hours are 7 hours per day, what is the total number of hours the pool is open in these two seasons combined?
- A. 18 hours
 - B. 21 hours
 - C. 22 hours
 - D. 24 hours
10. What is 445 divided by 4, expressed as quotient and remainder?
- A. 111
 - B. 111 R 0
 - C. 111 R 1
 - D. 110 R 5

Answers

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

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Explanations

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1. Which unit would probably be most appropriate for measuring the length of an insect?

- A. Centimeters
- B. Millimeters**
- C. Kilometers
- D. Meters

When you're measuring something very small, you choose a unit that keeps the number you write at a practical size and easy to read. Insects are usually a few millimeters long, sometimes up to a couple of centimeters, so using millimeters gives a precise, straightforward measurement like 5 mm or 12 mm. Using kilometers would be far too large, and meters are usually too coarse for tiny lengths; centimeters can work for larger insects but don't cover the small end as well. Millimeters hit the right balance for describing most insect sizes, making it the best choice.

2. What is the average quarterly sales for the Chino Valley Store?

- A. \$215,000
- B. \$225,000**
- C. \$235,000
- D. \$245,000

The average is found by taking the arithmetic mean of the four quarterly sales. Add all four quarterly sales for the Chino Valley Store and divide by four. This gives the typical quarterly amount over the year. In this problem, the result of that calculation is 225,000, so the average quarterly sales are 225,000. If you want, share the four quarterly numbers and I'll show the exact addition and division steps.

3. What is 1.62 divided by 2?

- A. 0.162
- B. 1.62
- C. 0.81**
- D. 0.405

Halving a number means dividing it by 2. So, when you divide 1.62 by 2, you're finding half of 1.62. Doing the division, 2 goes into 16 eight times, then 2 goes into 2 one more time, giving 0.81. You can check by multiplying back: $0.81 \times 2 = 1.62$. The other numbers aren't halves of 1.62. They correspond to dividing by 2 in different ways that don't match the actual half (for example, 0.405 would be half of 0.81, not 1.62, and 0.162 isn't the half of 1.62).

4. Jane is paying her bills using checks. The rent is \$650.05. How should this be written out on the check?
- A. six hundred fifty and 0/100
 - B. six hundred fifty and 5/100**
 - C. six hundred fifty and 50/100
 - D. six hundred fifty and 5/1000

On a check, you write the dollar amount in words, then use a fraction to represent the cents, with the denominator 100. The dollars here are 650, so that part in words is "six hundred fifty." The cents are 05, which is 5 cents, written as 5/100. So the correct written form is "six hundred fifty and 5/100." (Sometimes you'll see "dollars" after it, but the essential part is the words plus 5/100 for the cents.)

5. Dr. Patterson's schedule excerpt indicates which type of appointments are the longest?
- A. Follow-Up
 - B. Emergency
 - C. New Patient**
 - D. Consultation

New patient visits are the longest because they require a full intake: gathering a complete medical history, reviewing past records, listing current medications and allergies, and understanding all ongoing issues. The clinician also performs a thorough initial exam, may order tests, and sets up a comprehensive plan and follow-up schedule. In contrast, follow-ups focus on progress and adjustments and are typically shorter, emergencies depend on urgency and can vary in length, and consultations are usually centered on planning or discussing options and may not require the broad intake a new patient needs.

6. If you swap the hundreds and tens digits of 6789, what number do you get?
- A. 6879**
 - B. 8769
 - C. 7698
 - D. 6789

Swapping the hundreds and tens digits changes which digits sit in those two places, while the other digits stay the same. In 6789, the digits by place value are 6 in the thousands, 7 in the hundreds, 8 in the tens, and 9 in the ones. If we swap the hundreds digit (7) with the tens digit (8), the new arrangement is 6, 8, 7, 9. This is $6000 + 800 + 70 + 9 = 6879$. So the resulting number is 6879.

7. What is -5 multiplied by 12?

- A. -60**
- B. 60**
- C. -12**
- D. 0**

When you multiply a negative number by a positive number, the result is negative. You multiply the absolute values: $|-5| \times |12| = 5 \times 12 = 60$. Put the negative sign in front, and you get -60 . This matches the idea that taking away 12 five times leaves you with a deficit of 60. If the sign were ignored, you'd get $+60$. A result like -12 would come from multiplying a smaller negative (like -1) by 12, which isn't the case here. A zero would only occur if one of the factors were 0.

8. Subtract 3829 from 9324.

- A. 5490**
- B. 5495**
- C. 5500**
- D. 5485**

Subtracting 3829 from 9324 means do 9324 minus 3829, using borrowing when a digit on top is smaller than the digit below it. Look at the units: 4 is less than 9, so borrow 1 from the tens place. The units become 14 and the tens drop to 1. $14 - 9 = 5$. Now the tens place has 1, which is less than 2, so borrow from the hundreds. The tens become 11 and the hundreds drop to 2. $11 - 2 = 9$. In the hundreds place, 2 is less than 8, so borrow from the thousands. The hundreds become 12 and the thousands drop to 8. $12 - 8 = 4$. Finally, 8 minus 3 in the thousands place equals 5. Putting the digits together gives 5495.

9. If Summer hours are 14 hours per day and Winter hours are 7 hours per day, what is the total number of hours the pool is open in these two seasons combined?

- A. 18 hours**
- B. 21 hours**
- C. 22 hours**
- D. 24 hours**

The idea is to add the two amounts to combine them. The pool is open 14 hours per day in summer and 7 hours per day in winter, so when you count both seasons together, you add: $14 + 7 = 21$. This means the pool is open 21 hours in total across the two seasons. (If you were asked for total hours over the whole year, you'd need the number of days in each season, but with the information given, the combined daily hours is 21.)

10. What is 445 divided by 4, expressed as quotient and remainder?

- A. 111**
- B. 111 R 0**
- C. 111 R 1**
- D. 110 R 5**

Dividing with a remainder means splitting a number into equal parts as many times as possible and noting what's left over. For 445 divided by 4, 4 fits into 4 once, leaving 0. Bring down the next digit 4; 4 fits into that 4 once, again leaving 0. Finally, 4 fits into 5 once, leaving a remainder of 1. So the quotient is 111 and the remainder is 1, written as 111 R 1. This also satisfies $445 = 4 \times 111 + 1$. The remainder must be smaller than the divisor, so a remainder like 5 wouldn't be allowed here, and a remainder of 0 would imply 445 is divisible by 4, which it isn't.

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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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