

BLOOKET RACE 1 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. If a bag has 5 red marbles and 15 blue marbles, what fraction of the marbles are red?
 - A. $\frac{1}{3}$
 - B. $\frac{1}{4}$
 - C. $\frac{1}{5}$
 - D. $\frac{3}{4}$
2. Which fraction is equivalent to $\frac{3}{4}$?
 - A. $\frac{2}{3}$
 - B. $\frac{4}{5}$
 - C. $\frac{6}{8}$
 - D. $\frac{7}{9}$
3. What is the product of 1.5 and 7?
 - A. 7.5
 - B. 11.0
 - C. 10.5
 - D. 12.0
4. If $3(a - 2) = 3a - 6$, is the equation always true, sometimes true, or never true?
 - A. Always true
 - B. Sometimes true
 - C. Never true
 - D. Cannot be determined
5. What is the area of a rectangle with length 8 and width 5?
 - A. 13
 - B. 33
 - C. 52
 - D. 40

6. In a class of 28 students, 18 passed. What fraction of the class passed?

- A. $\frac{18}{28}$
- B. $\frac{9}{14}$
- C. $\frac{3}{14}$
- D. $\frac{9}{28}$

7. What is the value of 8 squared?

- A. 64
- B. 16
- C. 32
- D. 8

8. Which number is prime: 25, 27, 29, 21

- A. 25
- B. 27
- C. 29
- D. 21

9. Which sentence contains a metaphor?

- A. The wind howled through the trees.
- B. The night was quiet after the rain.
- C. The world is a stage for every act of our lives.
- D. Her laughter was like bells.

10. Which sentence is an example of hyperbole?

- A. The storm had a huge effect on the town.
- B. I will finish my homework later.
- C. The storm's rain lasted all day.
- D. My backpack weighs a ton.

Answers

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

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Explanations

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1. If a bag has 5 red marbles and 15 blue marbles, what fraction of the marbles are red?

- A. $\frac{1}{3}$
- B. $\frac{1}{4}$
- C. $\frac{1}{5}$
- D. $\frac{3}{4}$

To find what fraction of the marbles are red, compare the number of red marbles to the total number of marbles. There are 5 red and 15 blue, so the total is 20. The fraction red is $\frac{5}{20}$, which simplifies by dividing numerator and denominator by 5 to $\frac{1}{4}$. That means one fourth of the marbles are red (25%). The other fractions don't match 5 out of 20—for example, $\frac{1}{3}$ would imply about 6.7 red marbles, $\frac{1}{5}$ would be 4 red out of 20, and $\frac{3}{4}$ would be 15 red out of 20.

2. Which fraction is equivalent to $\frac{3}{4}$?

- A. $\frac{2}{3}$
- B. $\frac{4}{5}$
- C. $\frac{6}{8}$
- D. $\frac{7}{9}$

Equivalent fractions represent the same amount of a whole, and you can obtain them by multiplying the top and bottom by the same number. Here, multiplying both parts of $\frac{3}{4}$ by 2 gives $\frac{6}{8}$, so $\frac{6}{8}$ has the same value as $\frac{3}{4}$. The other options correspond to different values: $\frac{2}{3}$ is about 0.666, $\frac{4}{5}$ is 0.8, and $\frac{7}{9}$ is about 0.777, none of which equal $\frac{3}{4}$.

3. What is the product of 1.5 and 7?

- A. 7.5
- B. 11.0
- C. 10.5
- D. 12.0

When multiplying a decimal by a whole number, multiply as if there were no decimal, then place the decimal point based on the total number of decimal places in the factors. Here, 1.5 has one decimal place and 7 has none, so the product carries one decimal place. Multiply 15 by 7 to get 105, then place the decimal one place from the right to get 10.5. You can also visualize it as $7 \times 1.5 = 7 \times (1 + 0.5) = 7 + 3.5 = 10.5$. So the product is 10.5. The other options would come from different multipliers or decimal placements, not this case.

4. If $3(a - 2) = 3a - 6$, is the equation always true, sometimes true, or never true?

- A. Always true
- B. Sometimes true
- C. Never true
- D. Cannot be determined

Distributive property shows that $3(a - 2)$ expands to $3a - 6$. Since the right-hand side is already $3a - 6$, both sides become the same expression for any value of a . So the equation holds for all a — it's always true. For example, if $a = 2$, both sides are 0.

5. What is the area of a rectangle with length 8 and width 5?

- A. 13
- B. 33
- C. 52
- D. 40

Area is found by multiplying length by width. If a rectangle is 8 units long and 5 units wide, you can imagine it as 8 rows of 5 unit squares (or 5 columns of 8 squares). In either view, the total number of unit squares inside—the area—is $8 \times 5 = 40$. So the area is 40. The other numbers don't come from multiplying the sides, so they don't represent how much space is inside the rectangle.

6. In a class of 28 students, 18 passed. What fraction of the class passed?

- A. $18/28$
- B. $9/14$
- C. $3/14$
- D. $9/28$

To find what fraction of the class passed, look at the part over the whole: 18 students passed out of 28 total. So the fraction is $18/28$. This reduces by dividing numerator and denominator by 2 to $9/14$. That is the simplest form because 9 and 14 have no common factors besides 1. So $9/14$ is the portion of the class that passed (about 0.6429, or 64.3%). The other fractions don't match the given counts: $18/28$ is the unreduced form, $3/14$ would require only 6 to have passed, and $9/28$ would imply 9 out of 28.

7. What is the value of 8 squared?

- A. 64
- B. 16
- C. 32
- D. 8

Squaring a number means multiplying it by itself. So for 8 squared, you multiply 8 by 8, which equals 64. This is a straightforward use of exponent 2: any number raised to the second power is that number times itself. The other options don't fit because they come from values that aren't the result of squaring 8 (8 itself) or come from squaring a different number (16 is 4 squared) or from a different operation (32 is 8×4). Therefore, the value is 64.

8. Which number is prime: 25, 27, 29, 21

- A. 25
- B. 27
- C. 29**
- D. 21

Prime numbers are numbers greater than 1 that have exactly two divisors: 1 and the number itself. To test 29, check for factors up to the square root of 29 (about 5.38). It isn't divisible by 2 (it's odd), by 3 (the digits add to 11, not a multiple of 3), or by 5 (it doesn't end in 0 or 5). Since no smaller factor works, the only divisors are 1 and 29, so 29 is prime. The other numbers have obvious factors: 25 is 5×5 , 27 is 3×9 (or $3 \times 3 \times 3$), and 21 is 3×7 , so they are not prime.

9. Which sentence contains a metaphor?

- A. The wind howled through the trees.
- B. The night was quiet after the rain.
- C. The world is a stage for every act of our lives.**
- D. Her laughter was like bells.

A metaphor makes a direct claim that one thing is another. The sentence about the world being a stage treats the world as if it were a stage, making a direct comparison without using like or as. This conveys a vivid idea about life as performance. The wind howling through the trees is personification, giving the wind human traits. The night was quiet after the rain is a straightforward description, not figurative. Her laughter was like bells uses like, which is a simile, not a metaphor.

10. Which sentence is an example of hyperbole?

- A. The storm had a huge effect on the town.
- B. I will finish my homework later.
- C. The storm's rain lasted all day.
- D. My backpack weighs a ton.**

Hyperbole is a way of emphasizing something by making an extreme exaggeration that isn't meant to be taken literally. The sentence about the backpack uses this device by saying it "weighs a ton." People don't literally weigh a ton, but the phrase communicates that the backpack feels incredibly heavy and burdensome. The other sentences describe real or likely situations without exaggerating to an impossible or ridiculous degree, so they don't demonstrate hyperbole.

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://blooketrace1.examzify.com>

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

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