

# DIVISION OPERATIONS 4 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. Compute  $18 \div -3$ .**

- A. -3
- B. -6
- C. 3
- D. 6

**2. Where does a member send defective or in need of repair radiation instruments?**

- A. Office Research and Innovation
- B. Radiation Safety Office
- C. Equipment Repair Depot
- D. Administrative Services

**3. What is the address of Station 34?**

- A. 3555 Fishinger Rd
- B. 600 North St
- C. 123 Elm Street
- D. 5201 Wilcox Road

**4. Where does the Rehab group stage during high rise response?**

- A. On the same floor as the fire
- B. Two floors above the fire
- C. In the lobby near the command post
- D. At least 2 floors below the fire floor, in close proximity to the resource group

**5. Stairwell support group may limit their PPE to?**

- A. Full bunker gear
- B. SCBA
- C. Safety glasses and gloves
- D. Gloves, Helmet, and street shoes

6. Do not use a bank of elevators that serves the fire floor if another bank terminates within how many floors of the fire floor?
- A. 3 floors
  - B. 4 floors
  - C. 5 floors
  - D. 6 floors
7. Trades involving a period of time in excess of how many consecutive 24-hour shifts shall not be authorized without permission of the Chief of the Division?
- A. 5 consecutive 24-hour shifts
  - B. 8 consecutive 24-hour shifts
  - C. 10 consecutive 24-hour shifts
  - D. 12 consecutive 24-hour shifts
8. Divide  $2\frac{1}{3}$  by  $1\frac{1}{2}$ .
- A.  $\frac{13}{9}$
  - B.  $\frac{15}{9}$
  - C.  $\frac{14}{9}$
  - D.  $\frac{16}{9}$
9. What is the address for Station 27?
- A. 7560 Smokey Row Rd
  - B. 3601 North High Street
  - C. 2200 West Case
  - D. 1000 Maple Ave
10. If shop repairs will take longer than 24 hours, where should hose and equipment be stored?
- A. In the engine bay
  - B. At assigned station
  - C. At the nearest station
  - D. In a community storage facility

## **Answers**

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

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## **Explanations**

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**1. Compute  $18 \div -3$ .**

- A. -3
- B. -6**
- C. 3
- D. 6

When you divide numbers with opposite signs, the result is negative. To find the magnitude, divide the absolute values:  $18 \div 3 = 6$ . Since one number is negative and the other is positive, the quotient carries a negative sign, giving -6. Therefore,  $18 \div -3$  equals -6.

**2. Where does a member send defective or in need of repair radiation instruments?**

- A. Office Research and Innovation**
- B. Radiation Safety Office
- C. Equipment Repair Depot
- D. Administrative Services

When a radiation instrument is defective, it should be sent to the Equipment Repair Depot. This is the central repair facility equipped to handle maintenance, diagnostics, and calibration of specialized equipment like radiation instruments. The technicians there understand the unique electronics, detectors, and safety requirements involved, have access to the exact spare parts, and can perform proper repairs that restore the instrument to its required performance. They also keep maintenance and calibration records, which is important for safety and compliance. Other options aren't designed for performing repairs. The Office of Research and Innovation focuses on research projects and development, not equipment maintenance. The Radiation Safety Office oversees safety programs and compliance and may coordinate repairs with approved vendors, but it doesn't typically perform the repairs itself. Administrative Services handles general operations and support tasks, not specialized instrument repair.

**3. What is the address of Station 34?**

- A. 3555 Fishinger Rd
- B. 600 North St
- C. 123 Elm Street
- D. 5201 Wilcox Road**

The question tests matching a station number to its listed street address. In the provided materials or map, each station is paired with a specific address, so you identify which address goes with Station 34. That pairing is 5201 Wilcox Road, making it the correct choice. The other addresses belong to different stations or locations and don't correspond to Station 34, so they aren't correct in this context.

#### 4. Where does the Rehab group stage during high rise response?

- A. On the same floor as the fire
- B. Two floors above the fire
- C. In the lobby near the command post
- D. At least 2 floors below the fire floor, in close proximity to the resource group**

*Rehab is the place where responders rest, rehydrate, and receive medical evaluation before returning to duty. In a high-rise incident, you want Rehab to be out of the active hazard yet close enough to support the crews and the flow of resources. Staging Rehab at least two floors below the fire floor achieves that balance: it keeps people away from heat, smoke, and hazards on the fire floor, provides a safer, controlled environment for recovery, and sits near the Resource Group that handles equipment and personnel flow so rotations and resupply are efficient. Placing Rehab on the same floor as the fire would keep it in the danger zone; two floors above the fire could still be in or near the affected area and hinder access to resources; putting Rehab in the lobby near the command post may be too exposed, congested, or distant from the resources and medical support needed.*

#### 5. Stairwell support group may limit their PPE to?

- A. Full bunker gear
- B. SCBA
- C. Safety glasses and gloves
- D. Gloves, Helmet, and street shoes**

*Moving quickly and safely through a stairwell means choosing gear that protects essential areas without weighing you down. For a stairwell support role, the priority is head and hand protection while preserving mobility and speed. A helmet shields the head from bumps, falling debris, or contact with railings. Gloves protect the hands from sharp edges, rough surfaces, and burns when handling tools or lining up hoses. Street shoes offer enough grip and foot protection for movement in a constrained vertical space without the bulk and heat buildup of full turnout boots. Full bunker gear or SCBA would add heavy weight and reduce endurance and situational awareness in tight stairwells, and relying only on eye protection wouldn't cover head safety in a dynamic environment. So limiting PPE to gloves, helmet, and street shoes provides necessary protection with the least impediment to movement.*

#### 6. Do not use a bank of elevators that serves the fire floor if another bank terminates within how many floors of the fire floor?

- A. 3 floors
- B. 4 floors
- C. 5 floors**
- D. 6 floors

*When thinking about elevator operations during a fire, the goal is to keep access that is least likely to be affected by the fire or by the heat, smoke, or firefighting activities. If there is another bank of elevators whose lowest stopping floor is within five floors of the fire floor, using the bank that serves the fire floor increases the risk that the shaft and the car could be compromised or become harder to control due to the proximity to the fire area. The five-floor threshold gives a practical safety margin: an alternate bank that terminates within that distance provides a reachable, safer route to reach the upper floors without relying on the shaft that directly serves the fire floor. So, when you have another bank ending within five floors of the fire floor, you should not use the bank serving the fire floor and instead utilize the closer alternate bank for safer, more reliable access.*

**7. Trades involving a period of time in excess of how many consecutive 24-hour shifts shall not be authorized without permission of the Chief of the Division?**

- A. 5 consecutive 24-hour shifts
- B. 8 consecutive 24-hour shifts
- C. 10 consecutive 24-hour shifts**
- D. 12 consecutive 24-hour shifts

*There is a maximum length for a shift trade before higher approval is needed. When a trade would extend beyond that limit, permission from the Chief of the Division is required. This rule helps ensure staff aren't overworked, supports safety and decision-making, and keeps adequate coverage across the division. The correct choice points to that threshold—the point at which authorization must come from the Chief. Shorter trades stay within the limit and don't need extra approval, while longer ones exceed the limit and require the Chief's sign-off.*

**8. Divide  $2\frac{1}{3}$  by  $1\frac{1}{2}$ .**

- A.  $\frac{13}{9}$
- B.  $\frac{15}{9}$
- C.  $\frac{14}{9}$**
- D.  $\frac{16}{9}$

*Dividing by a mixed number means use the reciprocal and multiply. Convert both mixed numbers to improper fractions:  $2\frac{1}{3}$  becomes  $\frac{7}{3}$  (because  $2 \times 3 + 1 = 7$ ), and  $1\frac{1}{2}$  becomes  $\frac{3}{2}$  (because  $1 \times 2 + 1 = 3$ ). Dividing by  $\frac{3}{2}$  is the same as multiplying by its reciprocal,  $\frac{2}{3}$ . So you compute  $\frac{7}{3} \times \frac{2}{3} = \frac{14}{9}$ . This is already in simplest form, and it matches the requested result. If you like, you can also think of it as  $1\frac{5}{9}$  when turned into a mixed number.*

**9. What is the address for Station 27?**

- A. 7560 Smokey Row Rd**
- B. 3601 North High Street
- C. 2200 West Case
- D. 1000 Maple Ave

*Reading a station's address from a reference list requires using the official listing for the stations. For Station 27, the address shown in the source is 7560 Smokey Row Rd, so that one aligns with Station 27 and is the correct match. The other addresses don't correspond to Station 27 in that directory—they belong to other stations or locations, so they aren't correct for Station 27.*

**10. If shop repairs will take longer than 24 hours, where should hose and equipment be stored?**

- A. In the engine bay**
- B. At assigned station
- C. At the nearest station
- D. In a community storage facility

*When a shop repair will take longer than 24 hours, storing hoses and equipment with the vehicle in the engine bay keeps essential items secure and ready for the next work session. It protects them from weather and theft and avoids the extra step of transporting tools to another location. Keeping items in the engine bay also reduces the risk of misplacement and makes reassembly faster because everything you need stays with the vehicle. Just be sure to keep hoses clear of hot surfaces and moving parts, and secure them so they don't shift during operation.*

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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](mailto:hello@examzify.com).

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

<https://divisionops4.examzify.com>

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

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