

Union Pacific

Diesel Electrician

Sample Test Questions

Electrical Knowledge

This is a test of your electrical knowledge. This test contains a series of questions from topics such as AC/DC theory, variable speed drives, basic electronics, and instrumentation. Your task is to read each question and select the best answer from the alternatives given.

Sample Questions:

- 1) What tool is most often used when testing for insulation resistance?
 - a. **megger**
 - b. voltmeter
 - c. capacitance tester
 - d. amp meter

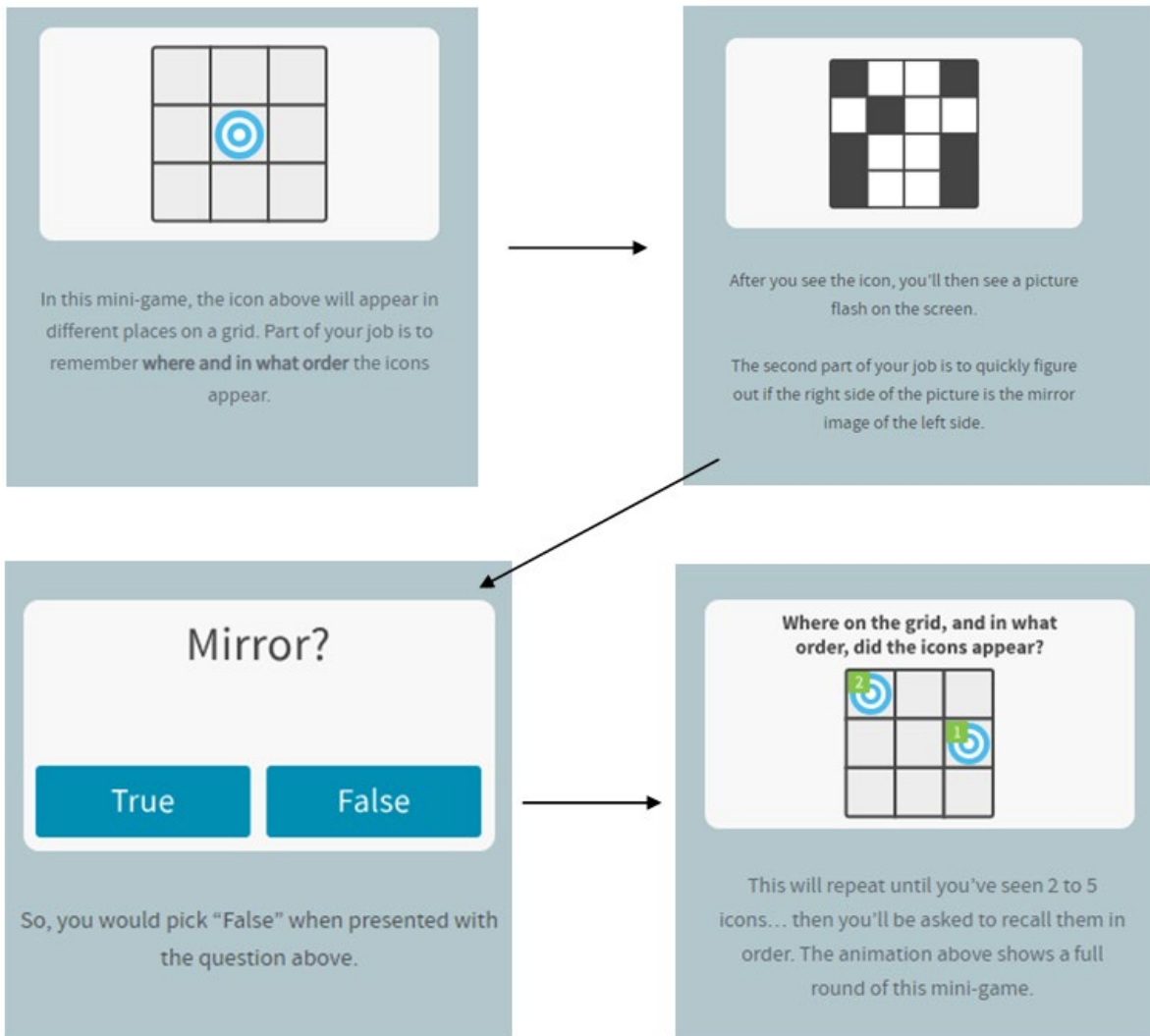
- 2) Ohms Law states that current is:
 - a. inversely proportional to voltage and directly proportional to resistance.
 - b. **directly proportional to voltage and inversely proportional to resistance.**
 - c. directly proportional to both voltage and resistance.
 - d. inversely proportional to both volts and ohms.

- 3) Which of the following types of gloves should you wear when working with chemicals?
 - a. **Butyl rubber gloves**
 - b. Fabric gloves
 - c. Leather gloves
 - d. Both A and C

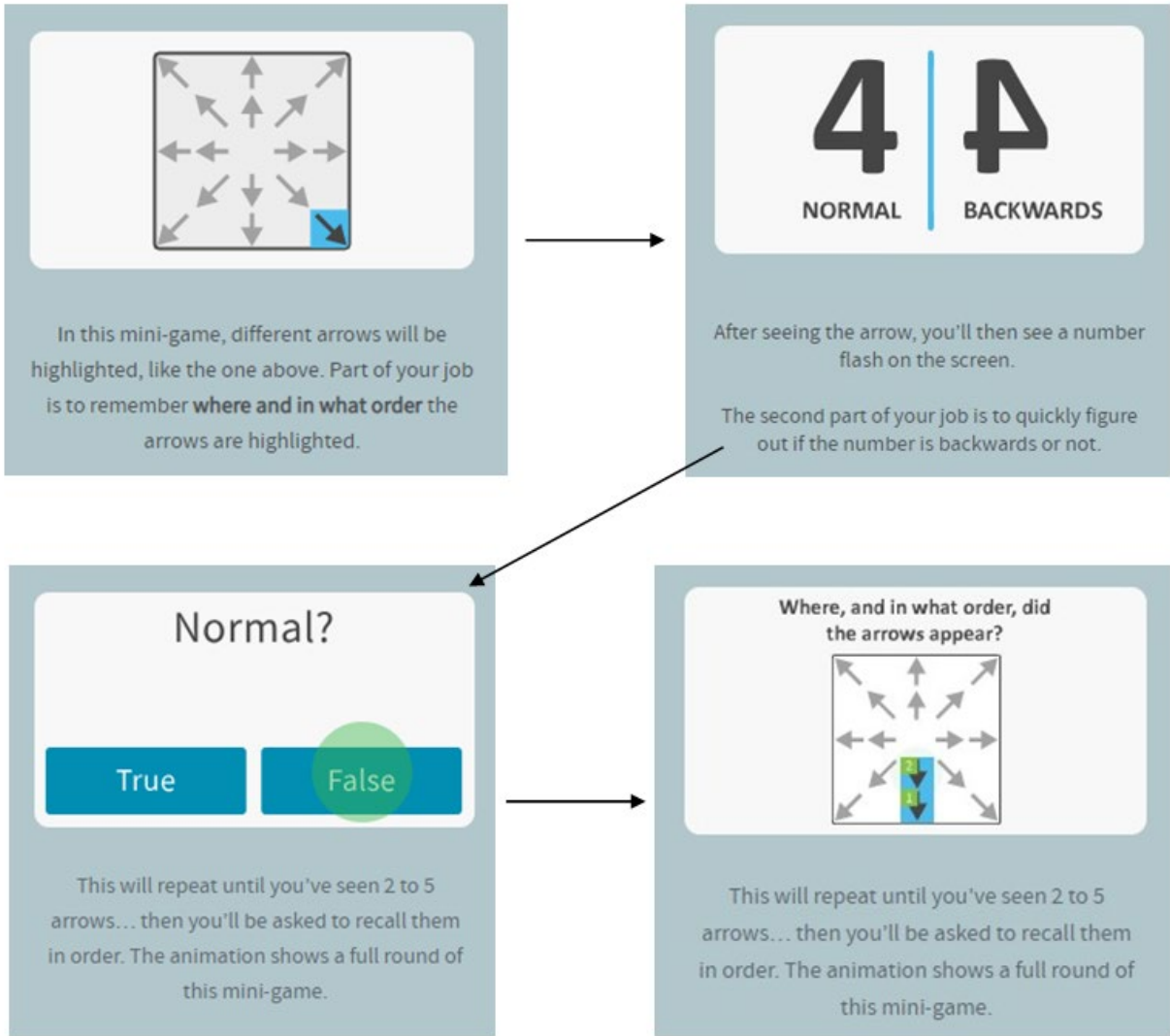
G.A.M.E.

This interactive assessment consists of three mini-games designed to test your working memory. During each mini-game, a set of icons will appear on the screen in a specific place and order. It is important that you try to remember the place and order of the icons as you then complete a separate task. After the separate task, you will be asked to recall where and in what order the icons appeared on screen. This section will walk you through the instructions and tasks required of you for each of the three mini-games.

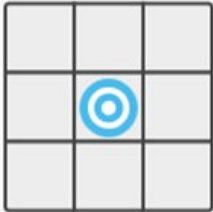
Mini-game 1:



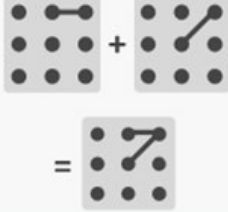
Mini-game 2:



Mini-game 3:



This mini-game is similar to the first one... part of your job is again to remember **where and in what order** the icons appear.




For this puzzle, you have to figure out whether the line shown in the top left box combines (+) with the line in the top right box to create the picture shown in the bottom box.

Correct?

Correct Incorrect

So, you would pick "Correct" when presented with the question above.

Where on the grid, and in what order, did the icons appear?



This will repeat until you've seen 2 to 5 icons... then you'll be asked to recall them in order. The animation above shows a full round of this mini-game.

Personality Assessment

This assessment is composed of statement pairs. You need to indicate which one you agree with more. At times, it may be hard to choose because you agree or disagree with both statements. This is a normal part of the assessment. When faced with this type of choice, you should review each statement and then move the selector closer to the one you agree with slightly more.

There are no right or wrong answers to this assessment, so please answer as honestly and accurately as possible.

Sample Statements:

The screenshot displays a personality assessment interface. At the top, there is a progress bar showing 5% completion. Below the progress bar, five pairs of statements are presented, each with a slider to indicate the level of agreement. The statements are:

- Statement 1: "I bounce back very quickly after setbacks." vs "I enjoy working with other people to achieve a common goal." The slider is positioned towards the right.
- Statement 2: "I can often persuade people to my point of view." vs "I often stay calm during stressful situations." The slider is positioned towards the right.
- Statement 3: "I do all I can to achieve my goals, even though it can sometimes be very difficult." vs "Whether I succeed or fail in my career, I am still the same person." The slider is positioned towards the right.
- Statement 4: "If given several tasks to complete in a short period of time, I would feel good if I completed most of them." vs "My persistence has led me to finish tasks others may not have thought possible." The slider is positioned towards the right.
- Statement 5: "I sometimes like to make new friends." vs "I sympathize with people who are having a bad day and always try my best to make them feel better." The slider is positioned towards the right.

Each slider has five dots representing levels of agreement, with the labels "Agree" and "Slightly Agree" positioned above the dots. A green arrow icon is visible on the right side of the interface.

Workplace Practices Test

This test includes questions that describe peoples' attitudes about themselves and their work. You will need to quickly answer each question in a way that best describes your own experiences, judgments, and opinions. It is very important that you answer each item honestly and as accurately as possible.

Sample questions:

I'm flexible and open to change

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

How would you describe your attitude towards safety rules on the job?

- Some safety rules actually slow work down.
- Some are more important than others.
- If you're careful, you'll never need them.
- I'm glad that companies insist on them.
- A lot of safety rules could be eliminated.