# Analytical Reasoning Section Preparation

Analytical reasoning, also known as logical reasoning, is a problem-solving method that focuses on identifying patterns and using logic to fill in missing pieces. This form of reasoning is slightly more detached from inferences and opinions, and places great emphasis on factual evidence.

## **Deductive Reasoning**

Deductive reasoning, sometimes called top-down logic, is the formation of a specific conclusion from a general premise or, in some cases, multiple hypotheses. Deductive reasoning is best for situations with multiple variables that must be accounted for and handled.

## Inductive Reasoning

Inductive reasoning, also known as bottom-up logic, is the direct opposite of deductive reasoning as it forms plausible conclusions from a specific observation. Inductive reasoning works best when using context and practical intelligence to resolve an issue.

# **Numerical Reasoning**

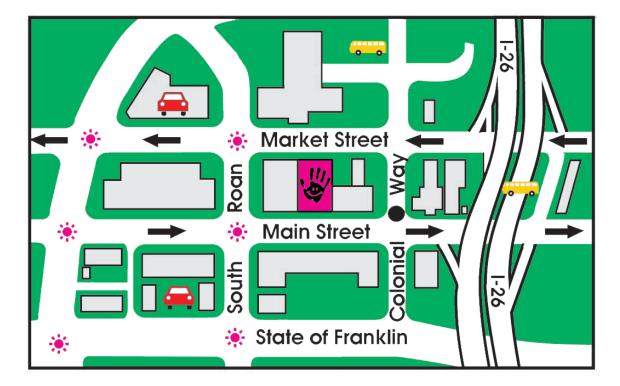
Numerical reasoning is the ability to apply logic to problems that include data, charts and graphs. Someone who has strong numerical reasoning skills is proficient in basic mathematical functions, statistical interpretation, and algorithms to name a few.

#### **Abstract Reasoning**

Abstract reasoning is the ability to identify patterns, extract main ideas, and analyze information. Abstract reasoning is an important factor of problem solving and decision making. This form of reasoning is complex and includes various aspects.

Analytical reasoning test can be difficult to study for because it examines your raw critical thinking skills. If you are looking to optimize and improve your score, the best way to prepare is running through sample questions or completing practice tests. By doing this, you can become familiar with the idea of the content and the learn how to pace yourself under the time constraint. Due to the acumen required for each question, preparing for the time limit is essential because many candidates find themselves skipping and guessing at the questions rather than dedicating time and effort to them.

# Analytical Reasoning Sample Questions



- 1. A car is traveling on Main Street and turns left. The car is now traveling?
  - A. East
  - B. West
  - C. North
  - D. South
- 2. A car is located in the intersection of Colonial Way and Market Street. It travels west two blocks, south two blocks and east one block. The car is now located at
  - A. South Roan and State of Franklin
  - B. Main Street and Colonial
  - C. State of Franklin and Colonial
  - D. State of Franklin and South Roan