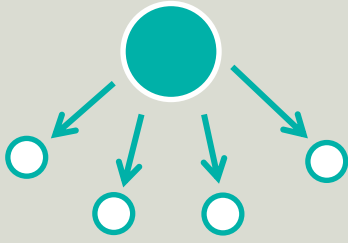


Analytical Thinking VS Synthetic Thinking

Analytical Thinking



Definition

The abstract separation of a whole into its constituent parts in order to study the parts and their relations

How it works

- Breaks things down into their component parts and studying the different parts.



enables us to understand the parts of the situation.

How to

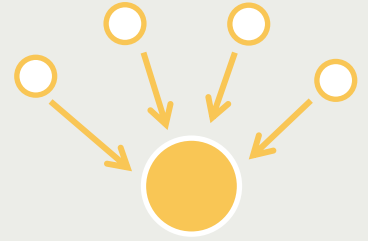
- List a handful of elements
- Compare and rank them
- Select the most valuable one
- Studying these parts in isolation

Example

Study the elements in the car such as wheels, engine, gear, etc.



Synthetic Thinking



Definition

The combination of ideas into a complex whole

How it works

- Finds the pattern across those component parts and putting things together to make a coherent whole.
- Enables us to understand how things work together.



How to

- Ask "what is this a part of?"
- Understand the behavior of the containing whole
- Identifying the function of the system you are trying to explain

Example

A car is a part of the transportation system.



The transportation system is a part of the financial system, and so on.