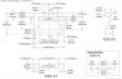


# QUESTION

What is the relationship between the variables in the following diagram?



# ANSWER

The relationship between the variables in the diagram is as follows:

- The Independent Variable (X) influences the Dependent Variable (Y).
- The Independent Variable is composed of three main components: X1, X2, and X3.
- Each of these components (X1, X2, X3) is further broken down into sub-components (e.g., X1.1, X1.2, X1.1.1).
- The Total Effect is the sum of the effects of X1, X2, and X3.
- The Moderator variable influences the relationship between the Independent Variable and the Dependent Variable.
- Control Variables are also included in the model to account for other factors that might influence the outcome.