



# PROPOSITION

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## PROPOSITION

Propositions are the building blocks of our reasoning. A proposition asserts that something is the case. We may affirm a proposition, or deny it – but every proposition is either asserts what really is the case, or it does not. Therefore every proposition is either true, or it is false. There are two kinds of proposition-

1. ***CATEGORICAL PROPOSITION***
2. ***CONDITIONAL PROPOSITION***

## CATEGORICAL PROPOSITION:-

There are four and only four kinds of standard-form Categorical Propositions-

1. **UNIVERSAL AFFIRMATIVE PROPOSITION (A)**
2. **UNIVERSAL NEGATIVE PROPOSITION (E)**
3. **PARTICULAR AFFIRMATIVE PROPOSITION (I)**
4. **PARTICULAR NEGATIVE PROPOSITION (O)**



**1. *Universal Affirmative Propositions:***


“All men are mortal”

**Symbolic Form :** All S are P

**2. *Universal Negative Proposition:***

“No dog is cat”

**Symbolic Form :** No S is p



**3. Particular Affermative Proposition:**  
***“ Some flower are red ”***

***Symbolic Form : Some S are P***

**4. Particular Nageitive Proposition:**  
***“ Some fruit are not sweet ”***

***Symbolic From : Some S are not P***



### ***Quality of the Proposition :***

Every categorical proposition has a quality, either affirmative or negative. It is affirmative if the proposition asserts some kind of class inclusion, either complete or partial. It is negative if the proposition denies any kind of class inclusion, either complete or partial.

### ***Quantity of the Proposition :***

Every categorical proposition also has a quantity, either universal or particular. It is universal if the proposition refers to all members of the class designated by its subject term. It is particular if the proposition refers only to some members of the class designated by its subject term.

## **Distribution :**

A term is distributed if the proposition makes an assertion about every member of the class denoted by the term ; otherwise, it is undistributed.

Proposition	Subject ( S )	Predicate ( P )
A	Distributed	Undistributed
E	Distributed	Distributed
I	Undistributed	Undistributed
O	Undistributed	Distributed



***THANK YOU***