Syllogisms

*Each of the premises has one term in common with the conclusion: in a major premise, this is the **predicate** (which modifies the subject) of the conclusion; in a minor premise, it is the **subject** of the conclusion. The premises also have one term in common with each other, which is known as the <u>middle term</u>.*

Example: **Barbara**

Major premise:	All <u>animals</u> are **mortal**.	> Major premise links middle term and predicate
	middle term predicate	
Minor premise:	All **men** are <u>animals</u>.	> Minor premise links middle term and subject
	subject middle term	
Conclusion:	All **men** are **mortal**.	> All **S** are **P**.
	subject predicate	

Code	quantifier	subject	joiner	predicate	Type	Example
A	All	S	is/are/have	P	always yes	All humans are mortal.
E	No	S	is/are/have	P	always no	No humans are perfect.
I	Some	S	is/are/have	P	sometimes yes	Some humans are healthy.
O	Some	S	is/are/have not	P	sometimes no	Some humans are not clever.

I. Celarent

No reptiles have fur.

All snakes are reptiles.

∴

II. Darii

All kittens are playful.

Some pets are kittens.

∴

III. Ferio

No homework is fun.

Some reading is homework.

∴

IV. Cesare

No healthy food is fattening.

All cakes are fattening.

∴

V. Camestres

All horses have hooves.

No humans have hooves.

∴

VI. Festino

No lazy people pass exams.

Some students pass exams.

∴

VII. **Baroco**

      All informative things are useful.

      Some websites are not useful.

          ∴

VIII. **Disamis**

      Some mugs are beautiful.

      All mugs are useful things.

          ∴

IX. **Datisi**

      All the industrious boys in this school have red hair.

      Some of the industrious boys in this school are boarders.

          ∴

X. **Bocardo**

      Some cats have no tails.

      All cats are mammals.

          ∴

XI. **Ferison**

      No tree is edible.

      Some trees are green.

          ∴

XII. **Dimaris**

      Some small birds live on honey.

      All birds that live on honey are colorful.

          ∴

XIII. **Fresison**

      No competent people are people who always make mistakes.

      Some people who always make mistakes are people who work here.

          ∴

XIV. _____

Major Premise_____

Minor Premise_____

      ∴