

Premise: All birds are animals.
Premise: All parrots are birds.
Conclusion: All parrots are animals?

CATEGORICAL ARGUMENTS

STRCUTURE OF SYLLOGISM

(MAJOR) Premise: All **birds** are **animals**.

(minor) Premise: All **parrots** are **birds**.

Conclusion: All **parrots** are **animals**?

1 **M** **P**
S **M**

2 **P** **M**
S **M**

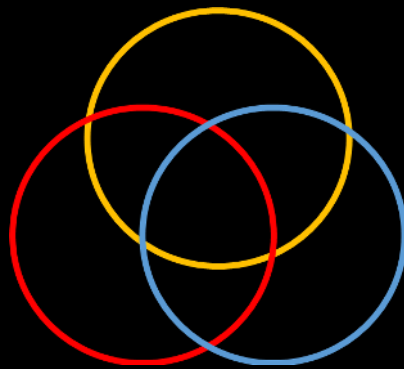
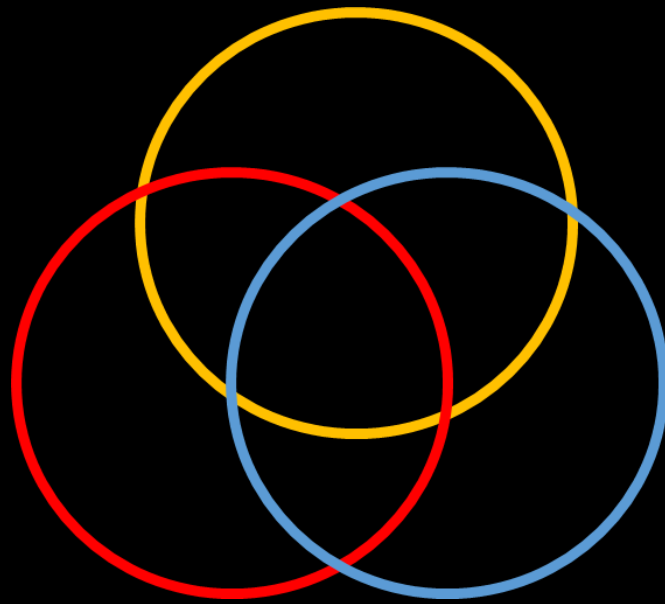
Premise: All **birds** are **animals**.

Premise: All **parrots** are **birds**.

Conclusion: All **parrots** are **animals**?

3 **M** **P**
M **S**

4 **P** **M**
M **S**



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

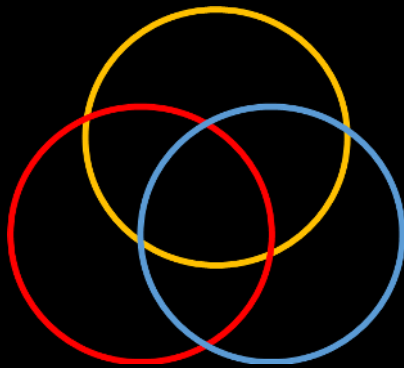
4 $\begin{matrix} P & M \\ M & S \end{matrix}$

AAA

Premise: All **birds** are **animals**.

Premise: All **parrots** are **birds**.

Conclusion: All **parrots** are **animals**?



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

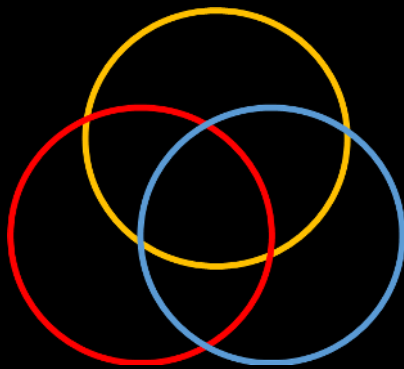
4 $\begin{matrix} P & M \\ M & S \end{matrix}$

AAA - INCORRECT

Premise: All **parrots** are **animals**.

Premise: All **parrots** are **birds**.

Conclusion: All **birds** are **animals**?



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

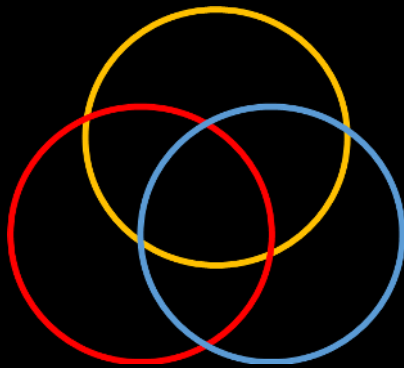
4 $\begin{matrix} P & M \\ M & S \end{matrix}$

EAE

Premise: No **birds** are **animals**.

Premise: All **parrots** are **birds**.

Conclusion: No **parrots** are **animals**.



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

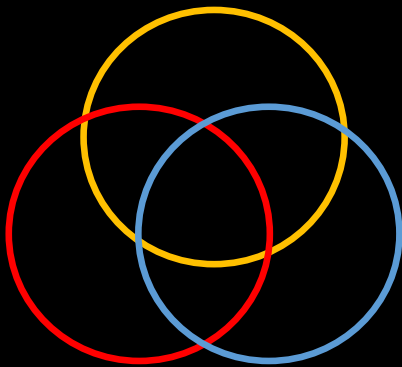
4 $\begin{matrix} P & M \\ M & S \end{matrix}$

EAE - INCORRECT

Premise: No **birds** are **animals**.

Premise: All **birds** are **parrots**.

Conclusion: No **parrots** are **animals**.



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

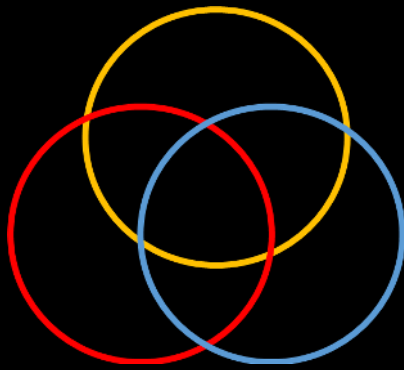
4 $\begin{matrix} P & M \\ M & S \end{matrix}$

All

Premise: All **parrots** are **animals**.

Premise: Some **birds** are **parrots**.

Conclusion: Some **birds** are **animals**.



1 $\begin{matrix} M & P \\ S & M \end{matrix}$

2 $\begin{matrix} P & M \\ S & M \end{matrix}$

3 $\begin{matrix} M & P \\ M & S \end{matrix}$

4 $\begin{matrix} P & M \\ M & S \end{matrix}$

All - INCORRECT

Premise: All **animals** are **parrots**.

Premise: Some **birds** are **parrots**.

Conclusion: Some **birds** are **animals**.