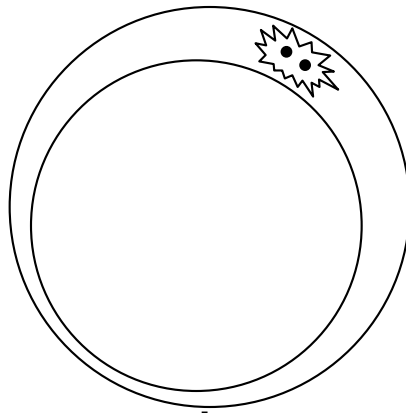


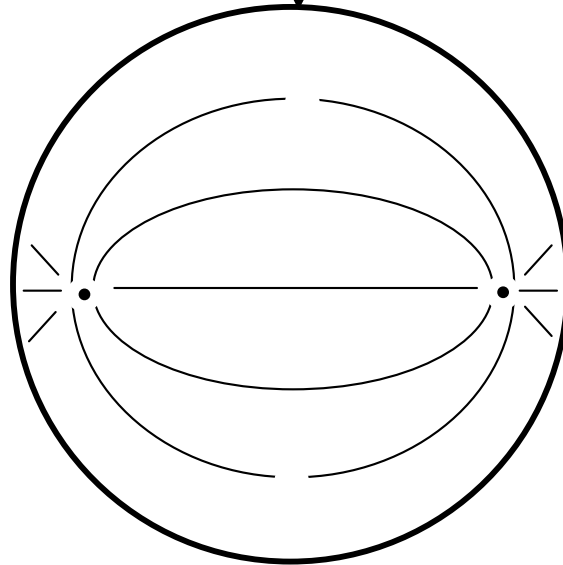
This sheet is a layout template.  
Use it first, placing your model  
chromosomes in each cell circle  
according to the rules and  
assumptions listed on the  
procedure sheet.

DO NOT WRITE ON THIS SHEET

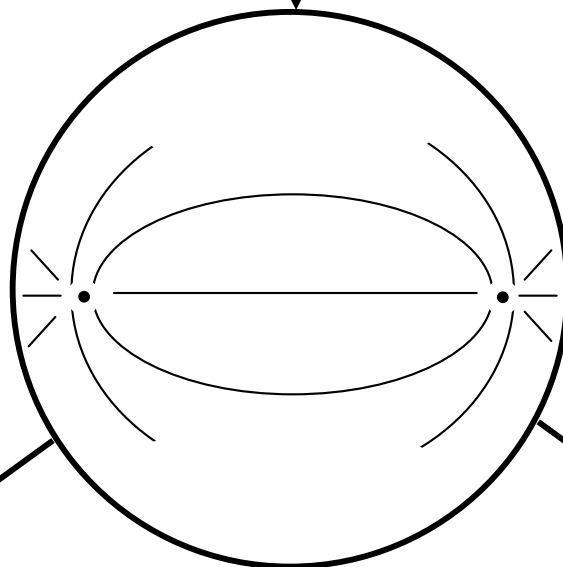
# MITOSIS



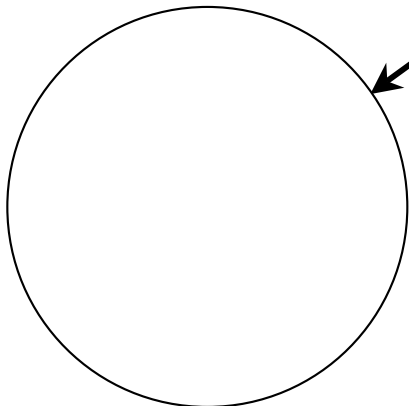
**PROPHASE**



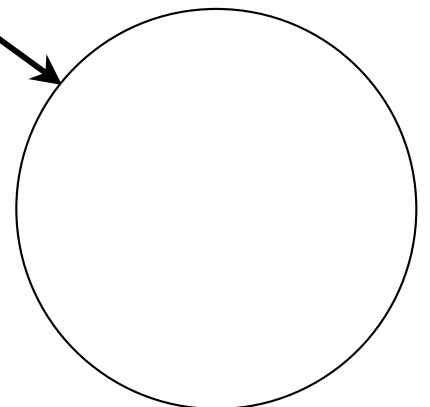
**METAPHASE**



**ANAPHASE**



**(TELOPHASE)  
DAUGHTER CELLS**



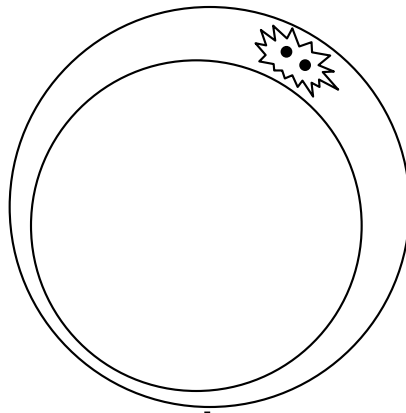
This sheet is a layout template.

Place this layout sheet *above* the  
MEIOSIS II layout sheet.

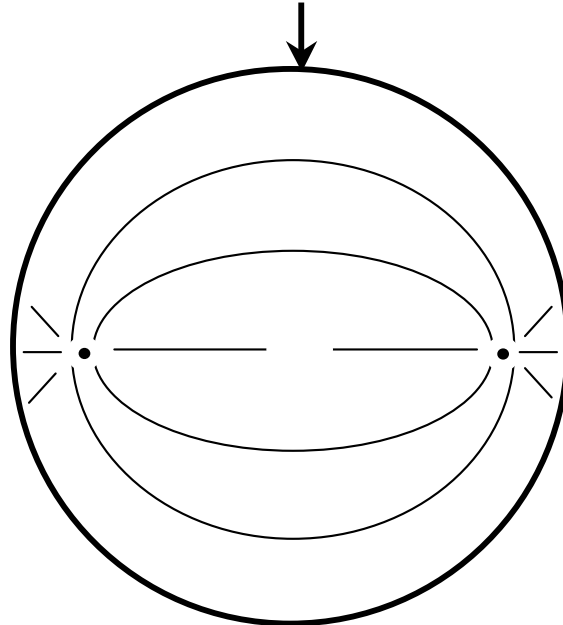
Place model chromosomes in each  
cell according to rules and  
assumptions on the  
Procedures sheet.

DO NOT WRITE ON THIS SHEET

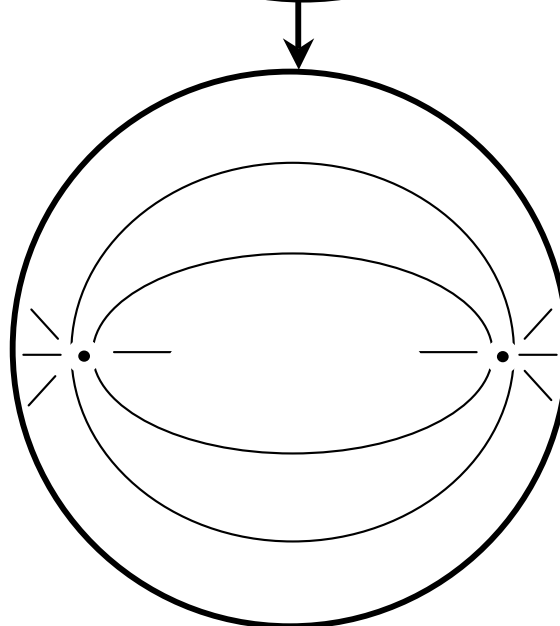
# MEIOSIS I



PROPHASE I



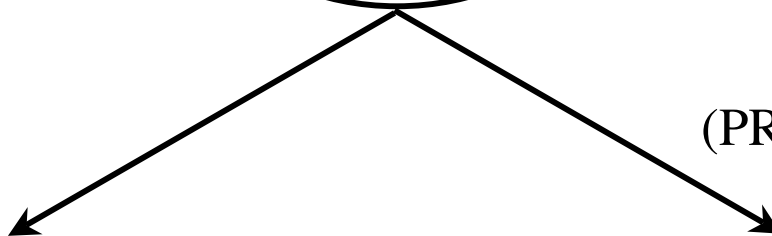
METAPHASE I



ANAPHASE I

(TELOPHASE I)

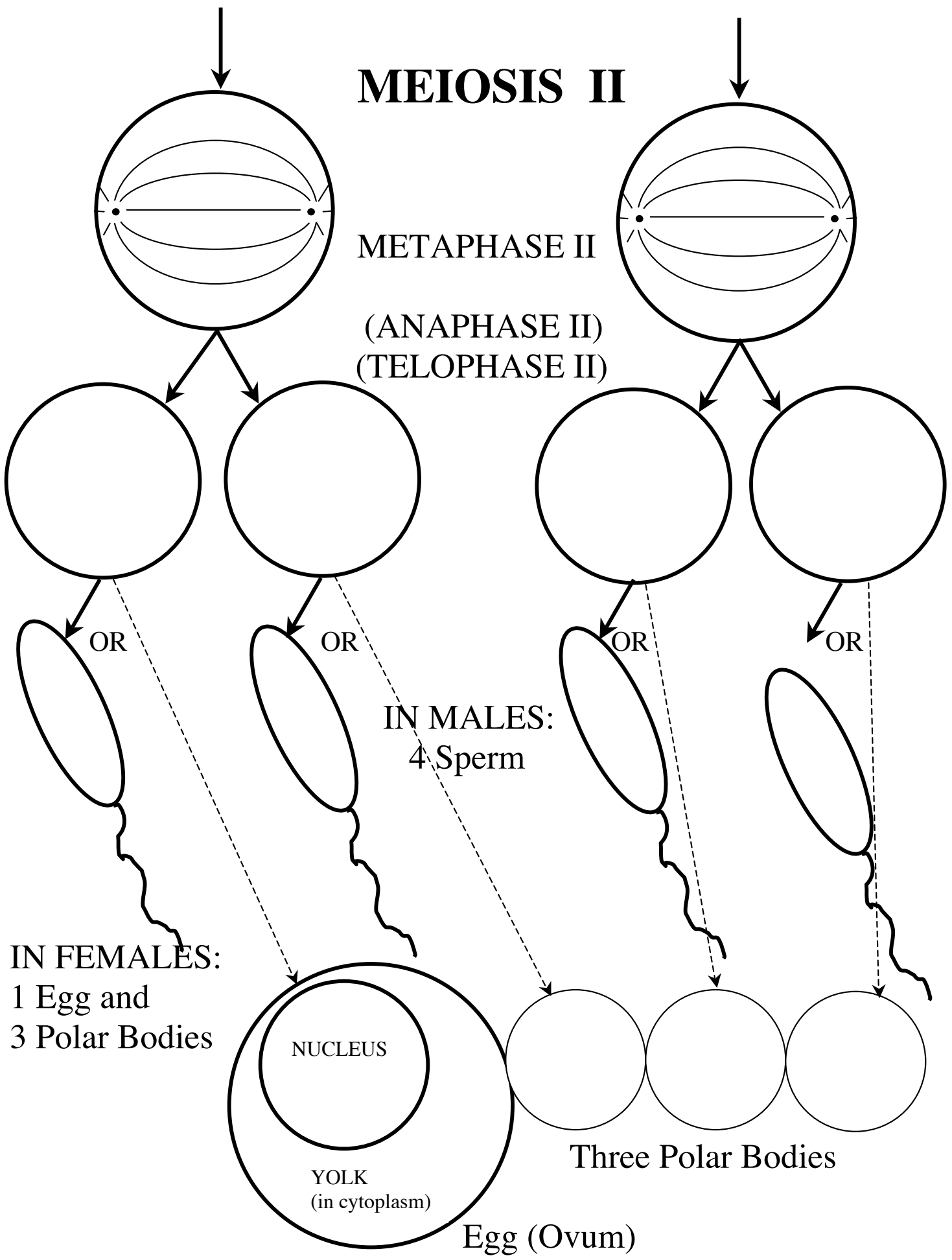
(PROPHASE II)



# MEIOSIS II

METAPHASE II

(ANAPHASE II)  
(TELOPHASE II)



IN FEMALES:  
1 Egg and  
3 Polar Bodies

IN MALES:  
4 Sperm

NUCLEUS

YOLK  
(in cytoplasm)

Egg (Ovum)

Three Polar Bodies