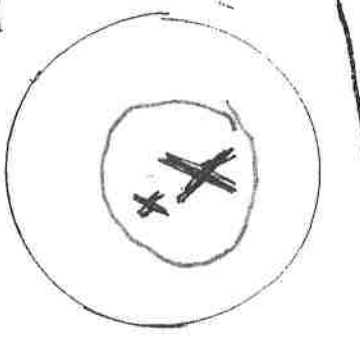
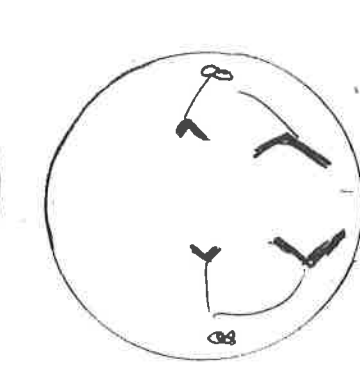


Telophase I / Cytokinesis

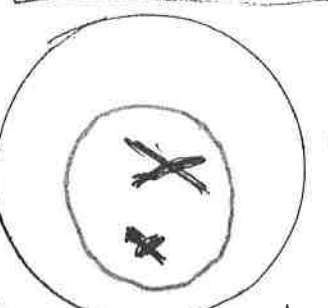
**Meiosis II**



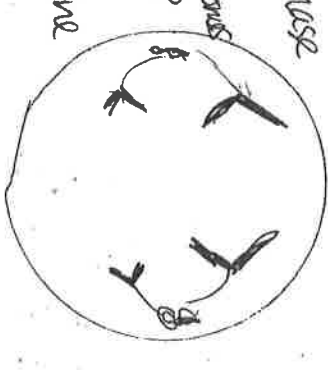
Prophase II  
Anaphase II



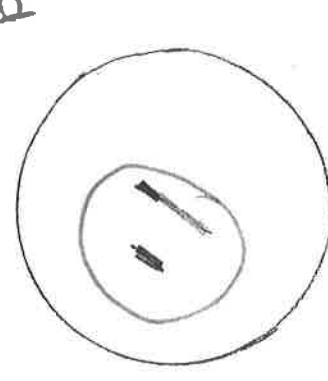
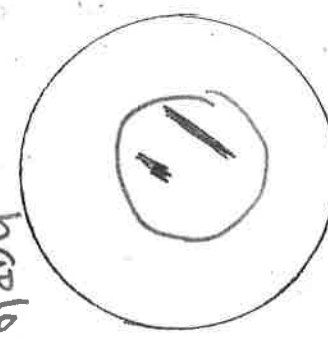
Telophase II  
Cytokinesis



Prophase II  
Anaphase II



Telophase II  
Cytokinesis



\* NO interphase  
\* NO DNA replication

Original cells: (germ cell)

Final cells: (gametes)

haploid  
egg & sperm cells

2n:  $\frac{2}{2}$  big chromosome  
 $\frac{2}{2}$  small chromosome

n:  $\frac{1}{1}$  big chromosome  
 $\frac{1}{1}$  small chromosome

Body cells = somatic cells = diploid =  $2n$  chromosomes

sex cells (aka egg/sperm) = gametes = haploid =  $n$  chromosomes

Human somatic cells =  $46$  chromosomes

Human sex cells =  $23$  chromosomes

Fruit fly =  $4$  chromosomes

Fruit fly gametes =  $8$  chromosomes

Horse diploid cells =  $36$  chromosomes

Horse haploid cells =  $18$  chromosomes