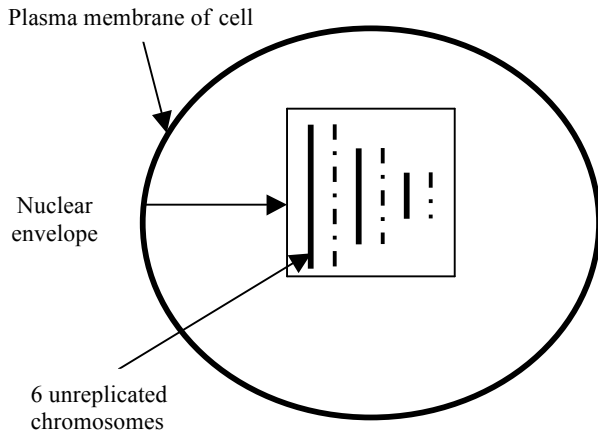


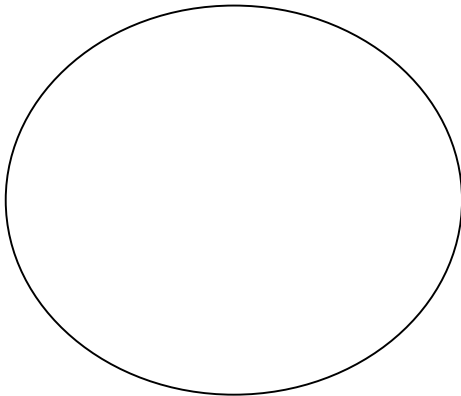
# Cell Division – Mitosis Homework Assignment

Name: \_\_\_\_\_

1. Diagram the actions of 3 homologous pairs of chromosomes (6 chromosomes) during mitosis. Make sure that in your drawings you show me if the chromosomes are uncondensed or condensed. Also clearly depict each chromosome during each phase. I have done the first diagram for you (Interphase [G1]).



Interphase (G1)



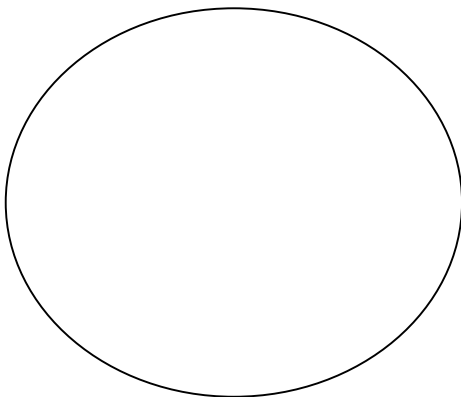
Interphase (S)

What is the key event of this phase? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Prophase

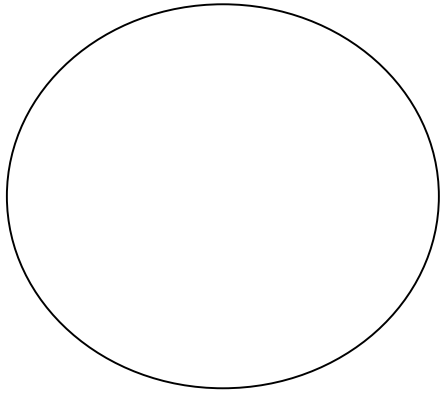
What is the key event of this phase? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

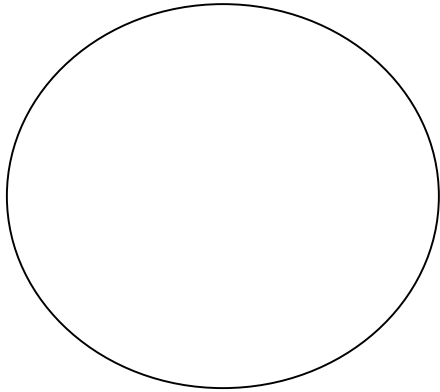
\_\_\_\_\_

I



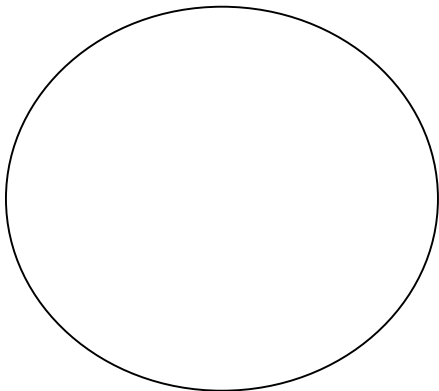
### Metaphase

What is the key event of this phase? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



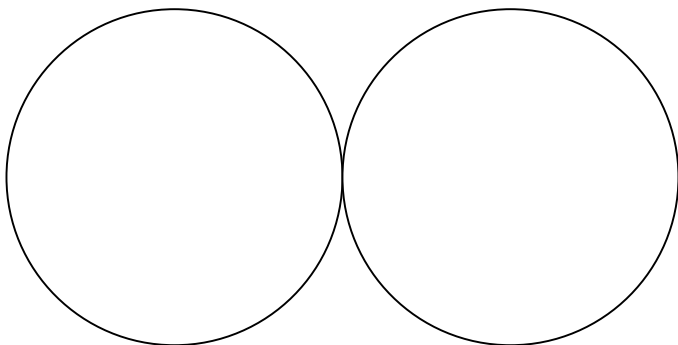
### Anaphase

What is the key event of this phase? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### Early Telophase

What is the key event of this phase? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### Late Telophase

What is the key event of this phase? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_