

Name: \_\_\_\_\_ Per: \_\_\_\_\_ Date: \_\_\_\_\_

## Meiosis Coloring the Phases - Honors Bio

### Instructions:

1) Color each chromosome a unique color.

2) Show crossing over for each homologous pair. (see backside for focused pic).

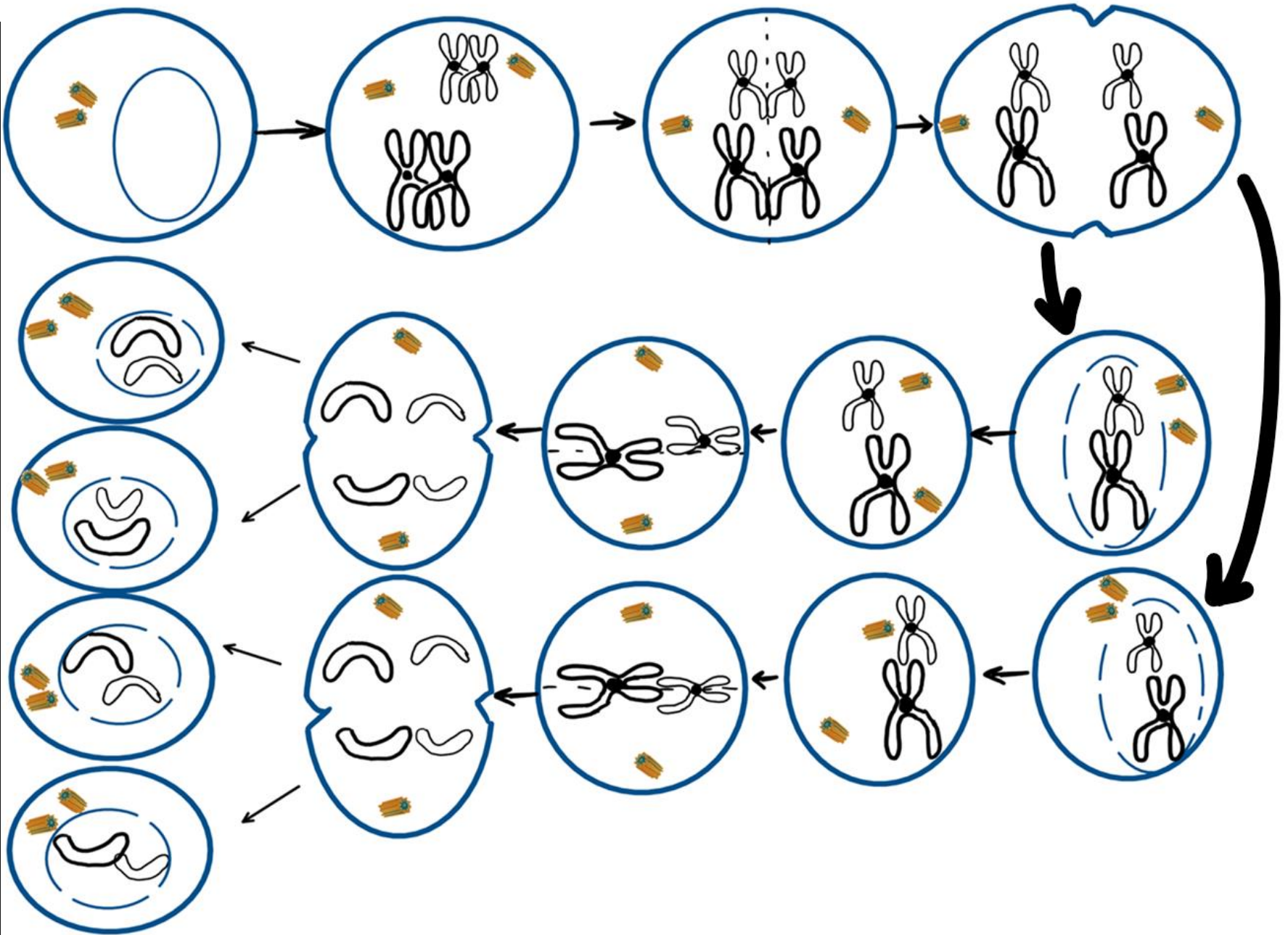
3) Draw in spindle fibers where appropriate.

4) Correctly name each phase.

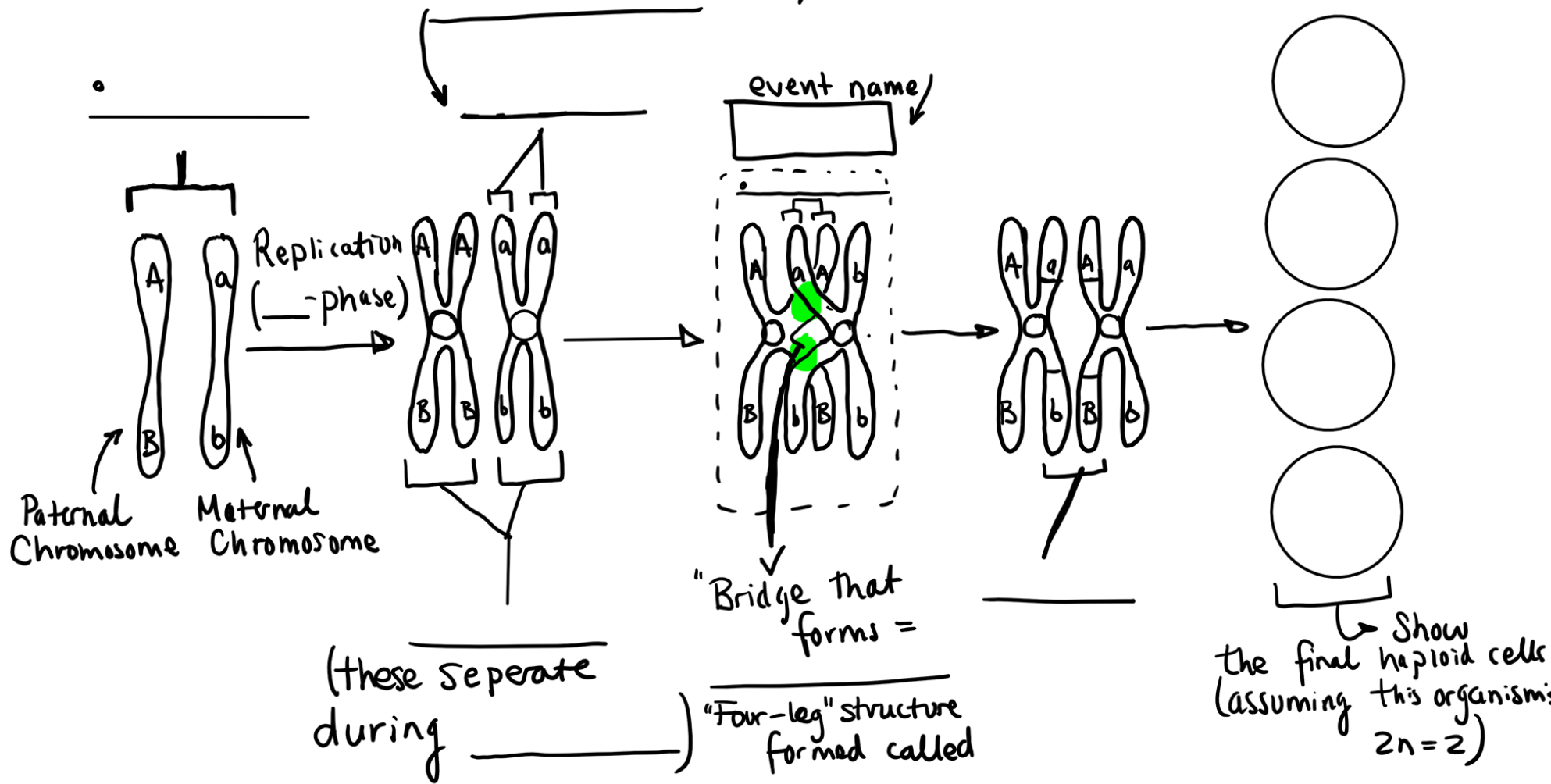
5) On ONE cell label: centrioles, nuclear membrane, chromatin.

6) On a different cell label: sister chromatids, spindle fibers, and centromere.

7) Complete backside



Meiosis Review and Important events: (these separate during)



- Final thoughts...Describe other unique events (not shown in this activity) that increase variability during meiosis.

Define crossing over, homologous chromosomes, and sister chromatids.