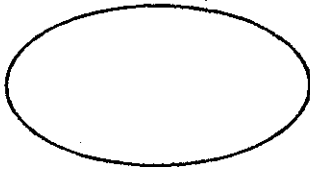


Mitosis Notes

_____ occurs in a series of stages, or _____

1st: _____

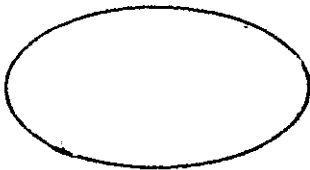


- Chromosomes are _____ (# doubles)
- Chromosomes appear as threadlike coils (_____) at the start, but each chromosome and its copy (sister chromosome) change to sister chromatids at end of this phase

Sister chromatids

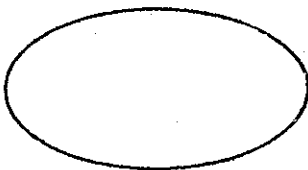


2nd: _____



- _____ begins (cell begins to divide)
- _____ (or poles) appear and begin to move to opposite ends of cell
- _____ form between the poles

3rd: _____

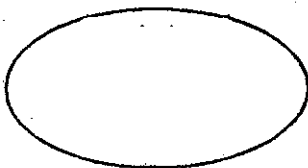


- _____ (or pairs of chromosomes) attach to the spindle fibers

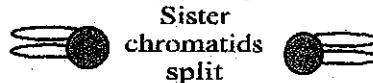


Sister chromatids

4th: _____

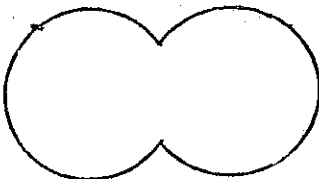


- Chromatids (or pairs of chromosomes) _____ and begin to move to _____ ends of the cell



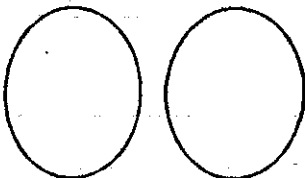
Sister chromatids split

5th: _____



- Two new _____ form
- Chromosomes appear as chromatin (threads rather than rods)
- _____ ends

6th: _____



- Cell membrane moves inward to create two cells - each with its own _____ with identical _____