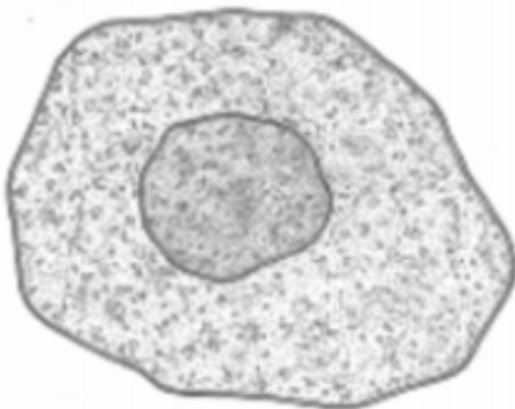


Lesson 8- Cell Division: Multiplying by Dividing

Oct 14-4:44 PM

Label the stage and briefly describe what is happening

Stage: Interphase

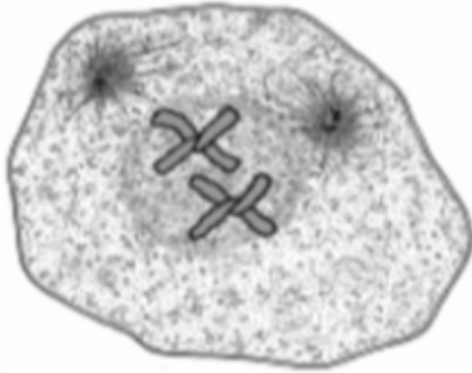


Chromosomes are
not visible
(cell is entering mitosis)

Oct 14-9:46 AM

Label the stage and briefly describe what is happening

Stage: Prophase

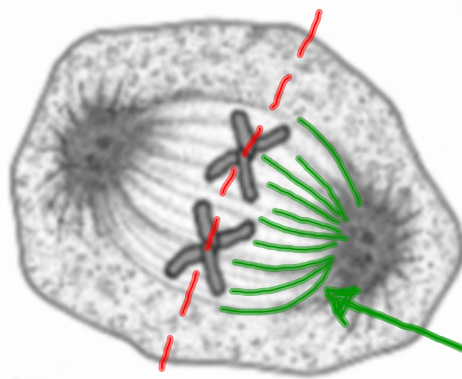


Chromosomes
become visible
(DNA coils/condenses)

Oct 14-4:02 PM

Label the stage and briefly describe what is happening

Stage: Metaphase



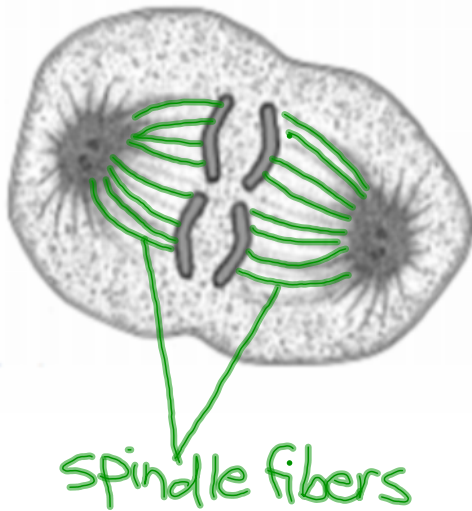
Chromosomes
align in the center

spindle
fibers

Oct 14-4:02 PM

Label the stage and briefly describe what is happening

Stage: Anaphase



Chromosomes
seperate -
spindle fibers pull
them towards
poles (ends)

Oct 14-4:02 PM

Label the stage and briefly describe what is happening

Stage: Telophase

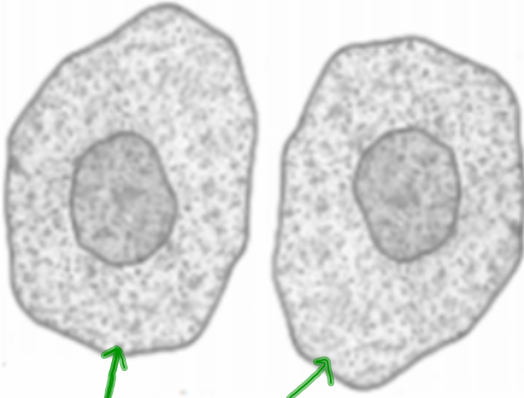


Chromosomes
duplicate and
cyto kinesis begins
cell moving
cytokinesis → cell splitting

Oct 14-4:02 PM

Label the stage and briefly describe what is happening

Stage: Interphase (again!)



Daughter Cells

Each new daughter cell begins interphase (can't see chromosomes)

Oct 14-4:02 PM

What is the function of the spindle fibers?

They guide the split chromosomes to opposite ends of the cell.

Like strings of a puppet



Oct 14-4:14 PM