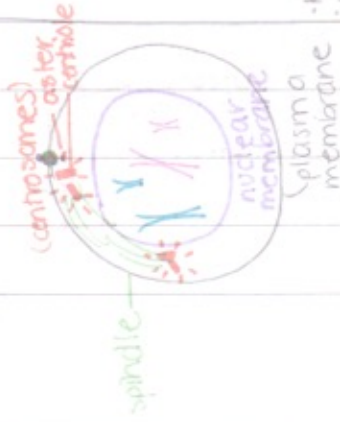
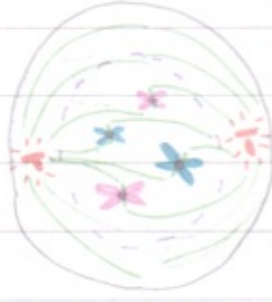


## Prophase



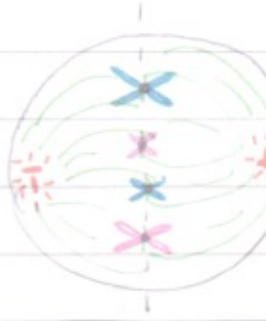
- chromatin condenses
- centrosomes start to move apart
- spindle forms
- nucleolus disappears

## Prometaphase



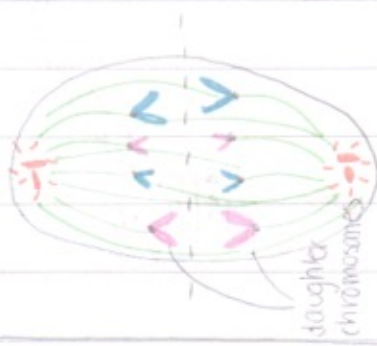
- kinetochore microtubules
- non-kinetochore microtubules
- nuclear envelope disappears
- microtubules attach to kinetochores
- chromosomes are condensed
- chromosomes moved by fibers

## Metaphase



- centrosomes at opposite poles
- chromosomes go to metaphase plate (centromeres lie at plate)
- kinetochores attached to kinetochore microtubules

## Anaphase



- short stage
- sister chromatids part and move towards opposite ends
- cell elongates
- microtubules push and pull

## Telophase and cytokinesis



- nuclear envelope comes back
- chromosomes less condensed
- microtubules go away
- division of nucleus complete



- division of cytoplasm
- once cell plate is full, cytokinesis is over
- cleavage furrow in animal cells pinches cell in two