

# Binary Fission = Prokaryotic Cells

## Mitosis-

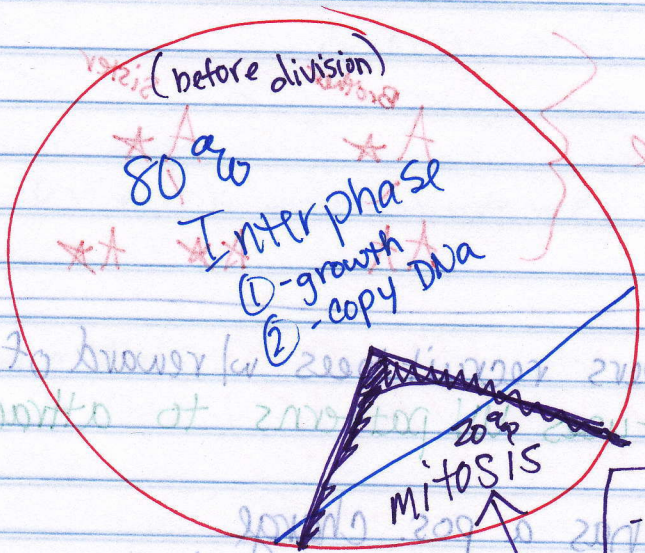
## Meiosis - Gametes

### Mitosis

#### Reasons:

- to enable cells to generate new genetically identical cells - when you grow up you are producing more cells.
- Growth - allows growth
- Replacement - sitting here we made 2 bil cells - cells die, create more
  - 1 mo all new blood cells
  - 2 wk all new skin

### Cell Cycle



- prophase
- metaphase
- anaphase
- telophase