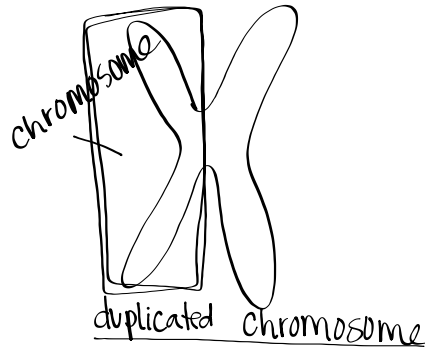


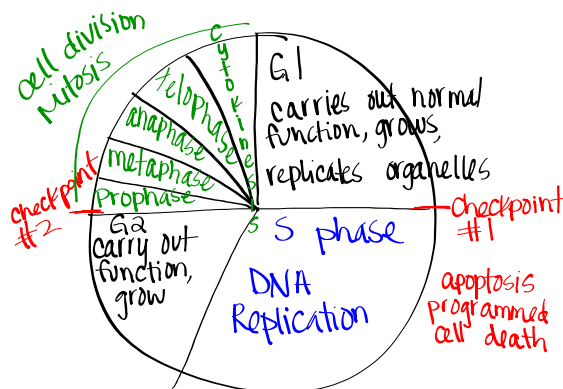
Study Figure 5.5 on page 139. Copy the figure (and all the labels) into your notes!



our cells have 46 chromosomes
 or 23 pairs
 - except sex cells (23)

The Cell Cycle

- pattern of cell growth, DNA replication, & cell division
 - 4 stages
 1. Gap 1 (G1)
 2. S phase (synthesis)
 3. Gap 2 (G2)
 4. cell division (mitosis/meiosis)
- } Interphase



Phases of Mitosis

please
make
another
two
cells

Cancer: uncontrolled
 cell division

Karyotype

