

- Vocab
- chromosomes
 - genes
 - somatic cells
 - gametes

Eukaryotic Cells - complex

- 2 kinds of cell division
 - in somatic cells
 - mitosis - all other cells

- in gametes
 - meiosis - reduction - produces sperm + eggs
 - ↳ reduces to 1 copy of chromosomes

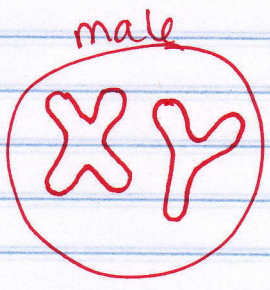
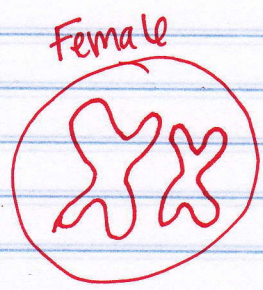
Ch. 6: Chromosomes + Cell division - Continuity + variety

Objectives

- meiosis
- mitosis

- Prokaryotes divide by binary fission - simple
 - divide quickly + efficiently
 - copies loop, crams on one side and clones itself.
 - parent cells
 - ① / ②
 - Daughter cells = clones

Chromosomes: smallest = sex chromosomes - ^{female} XX + ^{male} XY



→ half carries XX / other carries XY