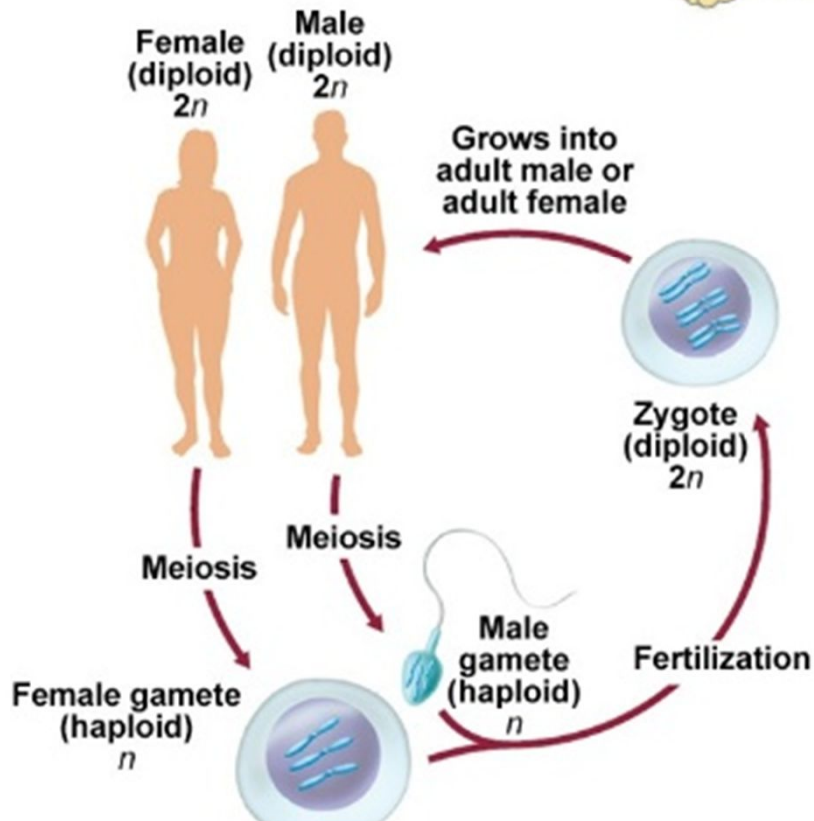


Meiosis I



- Gametes are formed during meiosis
 - Remember that gametes are the sex cells
 - These are haploid
- This reduces the number of chromosomes
 - 46 down to 23 in humans
- Occurs in reproductive structures in organisms
- Mitosis keeps the chromosome number (46 in humans)
- Meiosis reduces the number by half (23 in humans)
- Involves two consecutive cell divisions
 - Mitosis only has one

Meiosis I

- You will be assigned to eight groups
- Each group will get a stage of meiosis for a cell that has $2n = 10$ chromosomes
- You will be given some supplies to make a model of your assigned stage
- Use a different length of yarn for each pair of chromosomes
- Glue your model to the paper provided
- Include all necessary information on your model
- They will be hung up for display when finished