



Chapter 6-1 Chromosomes

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Gamete



- ◆ An organisms reproductive cells. Sperm in males and eggs in females.



Binary Fission



- ◆ *Prokaryotes reproduce through asexual reproduction.*
- ◆ Binary fission is a form of asexual reproduction that produces identical offspring. The parent passes exact copies of all of its DNA to the offspring.



Gene

- ◆ A segment of DNA that codes for a protein or RNA molecule.



Chromosomes



- ◆ Made of DNA and the proteins associated with DNA found in the nucleus of the cell. Visible only during cell reproduction.



Chromatids



- ◆ One arm of the chromosome



Centromere



- ◆ The attachment point where the two chromatids are attached to form a whole chromosome.

