



Directed Reading for
Content Mastery

Key Terms
Cell Reproduction

Chapter
12

Directions: Select the term from the following list that matches each description.

asexual
genes
RNA

chromosome
haploid
sexual

diploid
meiosis
sperm

DNA
mitosis
zygote

eggs
mutation
fertilization

- _____ 1. Many cells in your body grow and divide every day by what process?
- _____ 2. What structure in a cell's nucleus holds the hereditary information?
- _____ 3. term for the joining of an egg and sperm
- _____ 4. the sections of DNA that contain instructions for producing specific proteins
- _____ 5. What are male sex cells called?
- _____ 6. What cell forms when an egg and a sperm join?
- _____ 7. the term for any permanent change in a gene or chromosome
- _____ 8. the type of reproduction that produces a new organism; with identical chromosomes to those of the parent organism.
- _____ 9. the process that produces haploid sex cells
- _____ 10. an organism grows and functions by following the information in this code
- _____ 11. the term for female sex cells
- _____ 12. Cells with pairs of chromosomes are this.
- _____ 13. type of reproduction that requires the joining of two sex cells
- _____ 14. This type of nucleic acid carries the information needed to make proteins.
- _____ 15. cells that do not have pairs of chromosomes (sex cells)