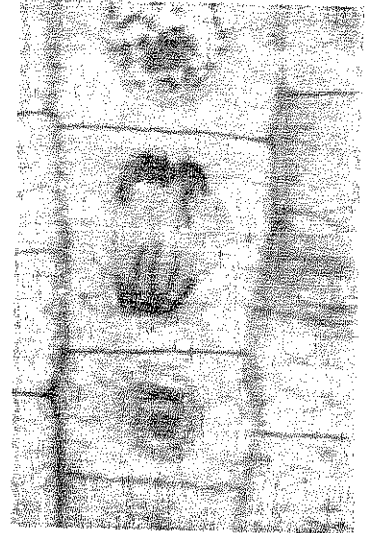


Let's Split: Cell Division by Mitosis

By Brandi Waters

Cells, like all living things, must have a way to reproduce. Cells age, become damaged, and die, just like any other living thing. Cells make up living things, including you and me. They make up our skin, our blood, our hearts, and our brains. Cells make up every part of our bodies. In order to keep our bodies in good shape, our cells must divide. Because our cells divide, our bodies can grow, and our wounds can heal. Most cells reproduce through a process called mitosis. During this process, a cell makes a copy of its genetic material and then splits into two cells. The DNA in the two cells is identical. The cell has reproduced!



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Questions

- _____ 1. Cells are _____.
 - A. all genetically identical
 - B. living things
 - C. all of the above

- _____ 2. _____ allows our bodies to grow and heal from damage.
 - A. Mitosis
 - B. Identification
 - C. DNA
 - D. Blood

3. Why must cells reproduce?

- _____ 4. _____ cells reproduce through a process called mitosis.
 - A. Only a few
 - B. All
 - C. Most
 - D. Dead