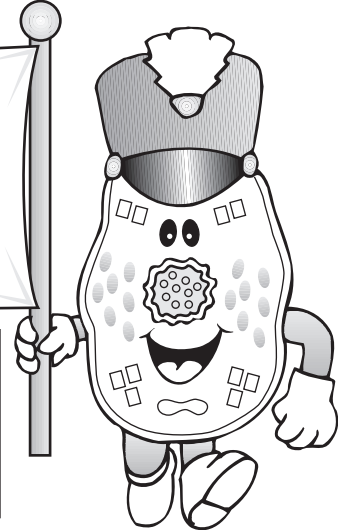


# It's a "Cell-ebraction"!

Find out facts about nature's basic building blocks. Use the word bank to help you complete each sentence.



Word Bank			
nucleus	sizes	biologist	energy
living	mitosis	trillions	diffusion
Organelles	function	organisms	single
processes	membrane	jellylike	

1. Robert Hooke was a \_\_\_\_\_ who used a microscope to identify and name cells.
2. Cells are the basic units of all \_\_\_\_\_ things.
3. Cells perform important life \_\_\_\_\_.
4. One life process that cells perform is releasing \_\_\_\_\_ from food.
5. Cells come in different shapes and \_\_\_\_\_.
6. The \_\_\_\_\_ of a cell determines its shape and size.
7. Some \_\_\_\_\_ are made of only one cell. Others have many.
8. \_\_\_\_\_ are smaller structures within the cell that perform specific jobs.
9. Almost every cell has a \_\_\_\_\_, the control center of the cell.
10. The parts of a cell are surrounded by a cell \_\_\_\_\_.
11. Filling the space between the membrane and nucleus is a \_\_\_\_\_ substance called cytoplasm.
12. Humans are made up of \_\_\_\_\_ of cells.
13. All organisms begin as a \_\_\_\_\_ cell.
14. Most materials move in and out of cells through the process of \_\_\_\_\_.
15. All cells divide and grow. When cells divide, it is called \_\_\_\_\_.

What did two cells say to each other during mitosis? To find out, match the boxed letters in the sentences to the lines below.

“ \_\_\_\_\_ ’ \_\_\_\_\_ !”  
 1    9    6    7                    14    3    8    11    12

**Bonus Box:** Tell three reasons why cells are worth celebrating. Use the back of this page for your ideas.



## How to Use This Unit

### Cells (Pages 43–50)

“Cell-ebrate” the structure and function of nature’s basic building blocks with this collection of reproducible skill builders. Duplicate pages 43, 45, 47, and 49 for students to complete during your study of cells. These activities can be completed independently, with partners, or in small groups.



### Answer Key



1. biologist
2. living
3. processes
4. energy
5. sizes
6. function
7. organisms
8. Organelles
9. nucleus
10. membrane
11. jellylike
12. trillions
13. single
14. diffusion
15. mitosis

Riddle: Let’s split!

Bonus Box: Answers will vary.

