



#2. The Functions of Cells

Class: _____

Type Instruction: Whole Class

Learning Objective(s): Students understand that cells carry on functions to sustain life.

Length of Time: 10 Minutes

Ignite! Movies:

- What Do Cells Do?
- Functions of the Cell

Teacher Instructions: Play Ignite! movies with students and complete the following activity.

Part One: Students create a caption.

Part Two: Mitosis: The Skit is a dramatization.

Target Vocabulary/Key Terms:

- | | |
|------------------------|-------------------------------|
| • <i>cell division</i> | • <i>cellular respiration</i> |
| • <i>chloroplast</i> | • <i>cytoskeleton</i> |
| • <i>flagellum</i> | • <i>glucose</i> |
| • <i>lysosome</i> | • <i>mitochondrion</i> |
| • <i>mitosis</i> | • <i>protein</i> |

Notes:

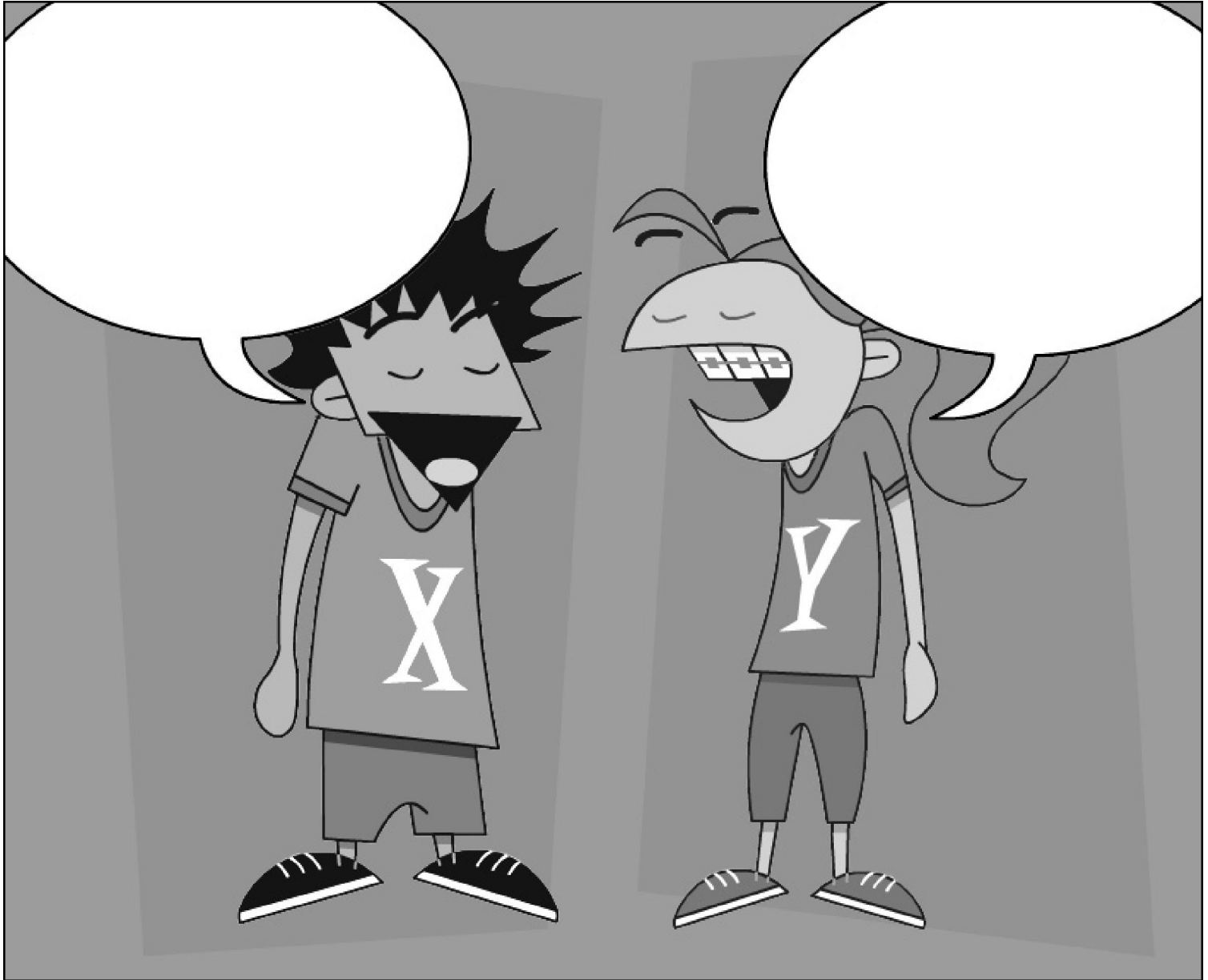


Name: _____



Lou and Maggie Speak!

Directions: Fill in the caption so that Lou and Maggie give one example each of how cells perform functions of life.



Mitosis: The Skit

Directions: In a group, write a skit teaching mitosis. Show and explain the division of a cell. Make sure everyone in your group has a part to play in the cellular division! Cover the following:

- What is mitosis?
- Why does it happen?
- How does it happen?
- How is DNA involved?
- How is the cell membrane involved?