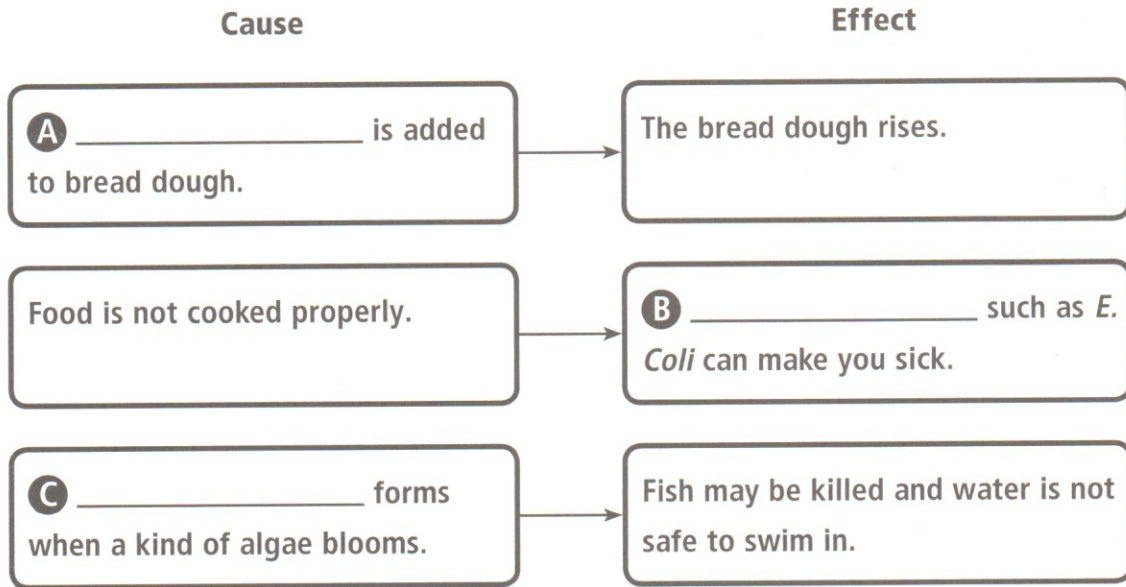


4.  **Cause and Effect**



5. **Critical Thinking and Problem Solving**

Use what you learned in the lesson to fill in the chart below.

	Harmful Microorganisms	Helpful Microorganisms
Where do they live?		
What do they do?		

Chapter 5—Cells to Microorganisms

A. Words with Multiple Meanings

Think about which meaning of the underlined word is used in each sentence. Circle the correct definition.

1. Marie used a microscope to compare a plant cell and an animal cell.

small, isolated room

basic unit of life

2. Nervous tissue carries signals from the brain to parts of the body.

cells that carry out a certain function

sheet of absorbent paper

3. The heart is a hard-working organ that pumps blood to all parts of the body.

musical instrument with sets of pipes controlled by a keyboard

group of tissues working together

B. Content Area Words

Write the letter of the definition that matches the word.

1. _____ organ system

2. _____ nucleus

3. _____ cytoplasm

4. _____ organelles

5. _____ vacuoles

a. a group of organs that work together to do a job for the body

b. structures within a cell with a specific function for keeping the cell alive

c. the organelle that directs all of a cell's activities

d. the jelly-like substance between the cell membrane and the nucleus

e. organelles that store nutrients, water, or waste materials until the cell uses them or gets rid of them