

Structure and Function in Living Systems

Name:

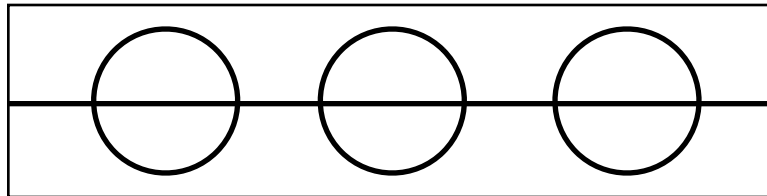
Division of Labor Lab

Period:

For this short lab, you will act either like a unicellular organism or like a multicellular organism.

The room will be divided into 2 groups. Some groups will be multicellular organisms, while the other groups will represent a bunch of unicellular organisms. Follow the instructions below, depending upon your group.

You will be making a paper chain with this design on each link:



unicellular - who does it	job	multicellular - who does it
each person	cut sheets of paper into long strips about 2 inches wide	person 1
	draw a line down the middle of the strip	person 2
	draw 3 circles spaced out along the line	person 3
	make a loop and staple it together on your chain	person 4

Which organism was able to make the longer chain? _____

What made this group more successful?

For the questions below, you can use p.129 to help you.

What happens to a unicellular organism if one of its cells dies?

What happens to a multicellular organism if one of its cells dies?

How does a unicellular organism grow?

How do multicellular organisms grow?