

# Stand By Me

## Objective

Describe the role of unicast, broadcast, and multicast in a switched network.

## Scenario

When you arrived to class today, you were given a number by your instructor to use for this introductory class activity.

Once class begins, your instructor will ask certain students with specific numbers to stand. Your job is to record the standing students' numbers for each scenario.

### Scenario 1

Students with numbers starting with the number 5 should stand. Record the numbers of the standing students.

### Scenario 2

Students with numbers ending in B should stand. Record the numbers of the standing students.

### Scenario 3

The student with the number 505C should stand. Record the number of the standing student.

At the end of this activity, divide into small groups and record answers to the Reflection questions on the PDF for this activity.

## Reflection

1. Why do you think you were asked to record the students' numbers when and as requested?
2. What is the significance of the number 5 in this activity? How many people were identified with this number?
3. What is the significance of the letter B in this activity? How many people were identified with this number?
4. Why did only one person stand for 505C?
5. How do you think this activity represents data travelling on local area networks?

Save your work and be prepared to share it with another student or the entire class.