

## Garden Logic

### Directions:

- Divide the class into teams of four.
- Give each team the same set of four different pictures.
- Each teammate gets one picture.
- The teacher reads the first clue to problem one.
- The teammates discuss how they should line up.
- When they agree on the line up they move into place.
- The teacher then reads the next clue.
- The teammates then discuss the clue. After they agree on correct order, they get into position.
- When all teams are ready, the teacher has the teams show their line up cards.
- The teacher scans teams to check for accuracy.
- If the line ups are correct, she calls on one team to explain the logic they used to get the correct line up.

Repeat activity with other problems.

**Problem 1**

- The tomato is on the far right.
- The peppers are not next to the tomato or the lettuce.

**Problem 2**

- The peppers are only next to radish.
- The tomato is second from the left.

**Problem 3**

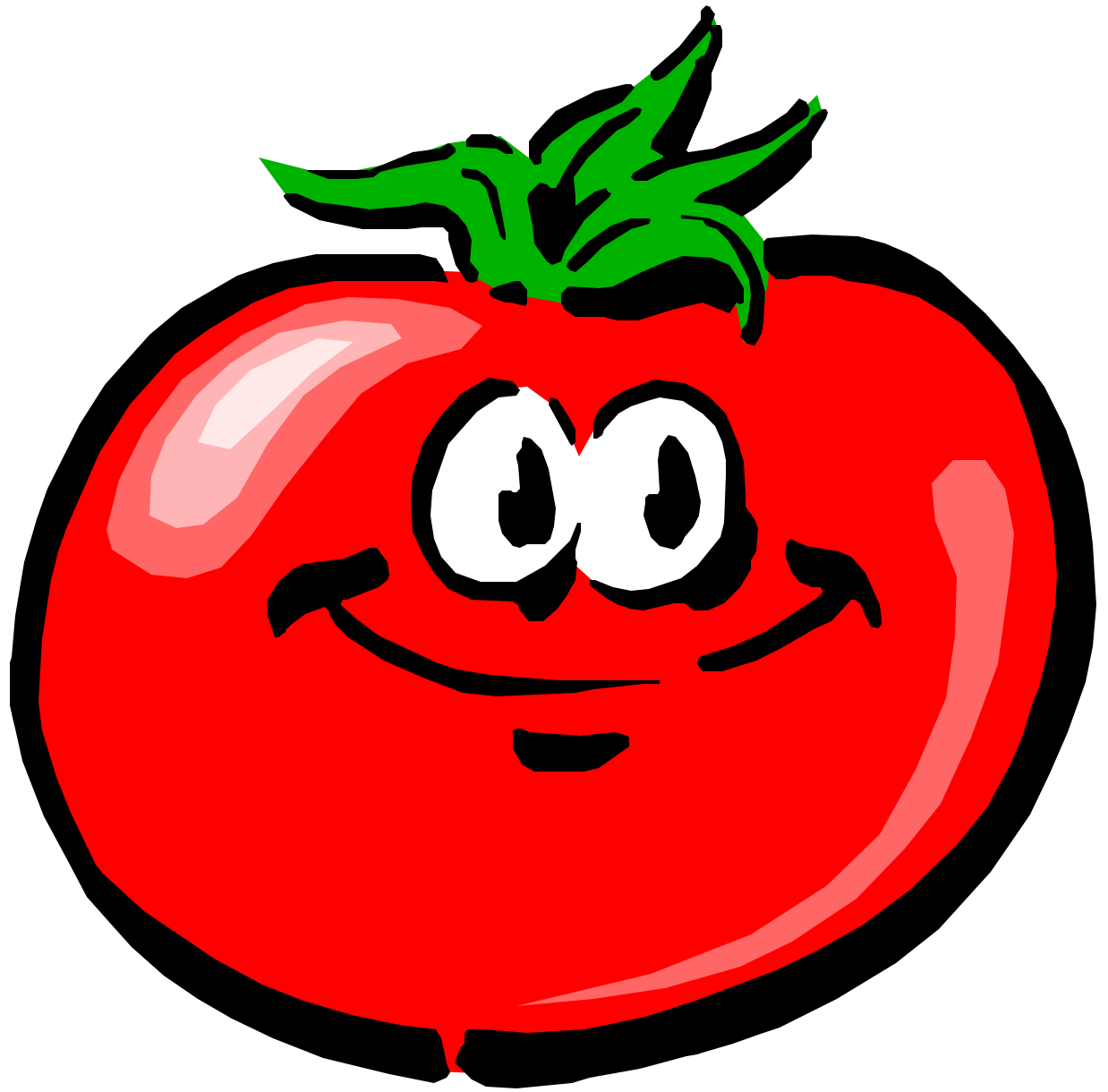
- The peppers are not on the end.
- The lettuce is between the peppers and the tomato.
- The radish is at the far left.

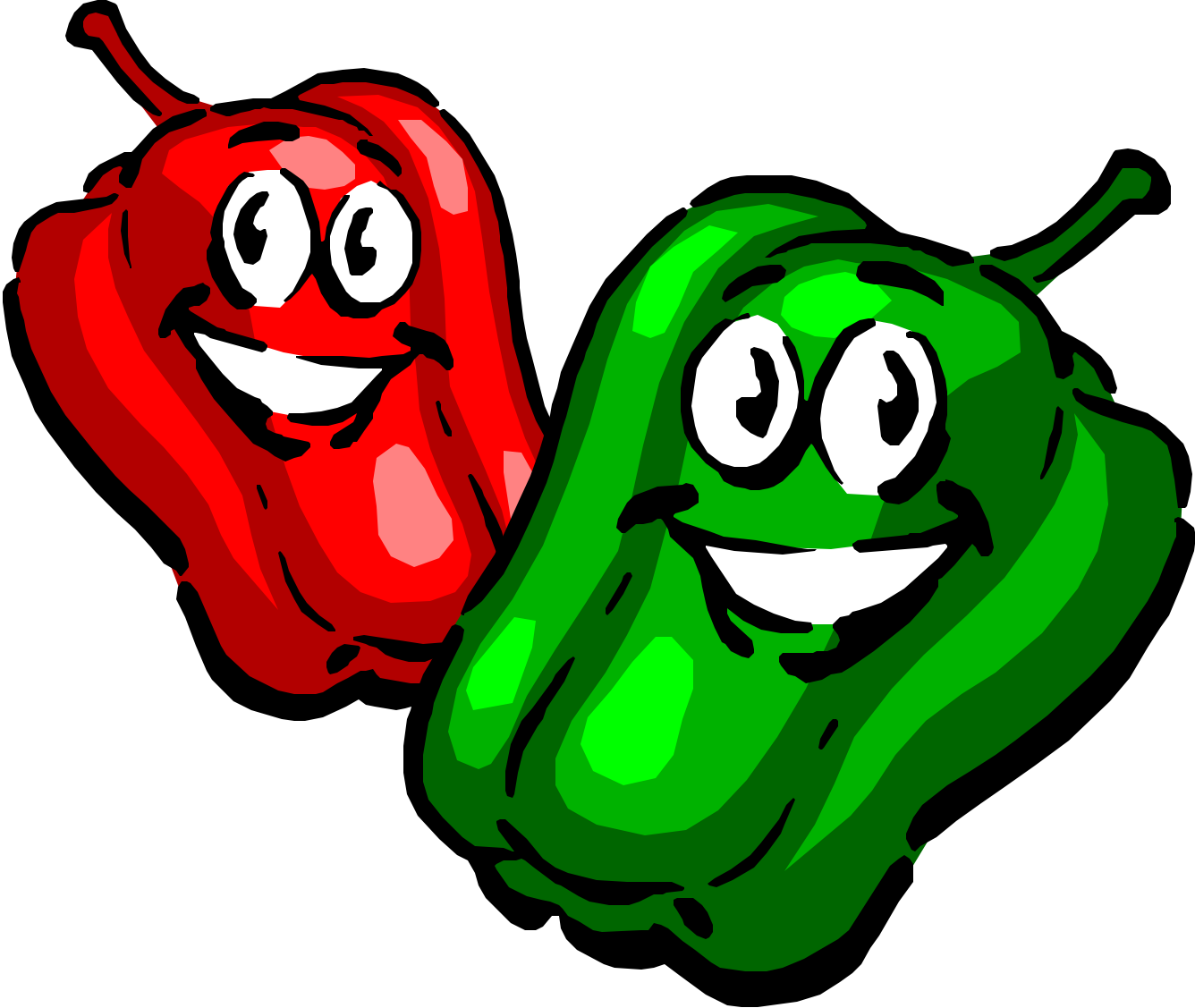
**Problem 4**

- The radish is on the far left.
- The tomato is not next to the lettuce which is on the far right.

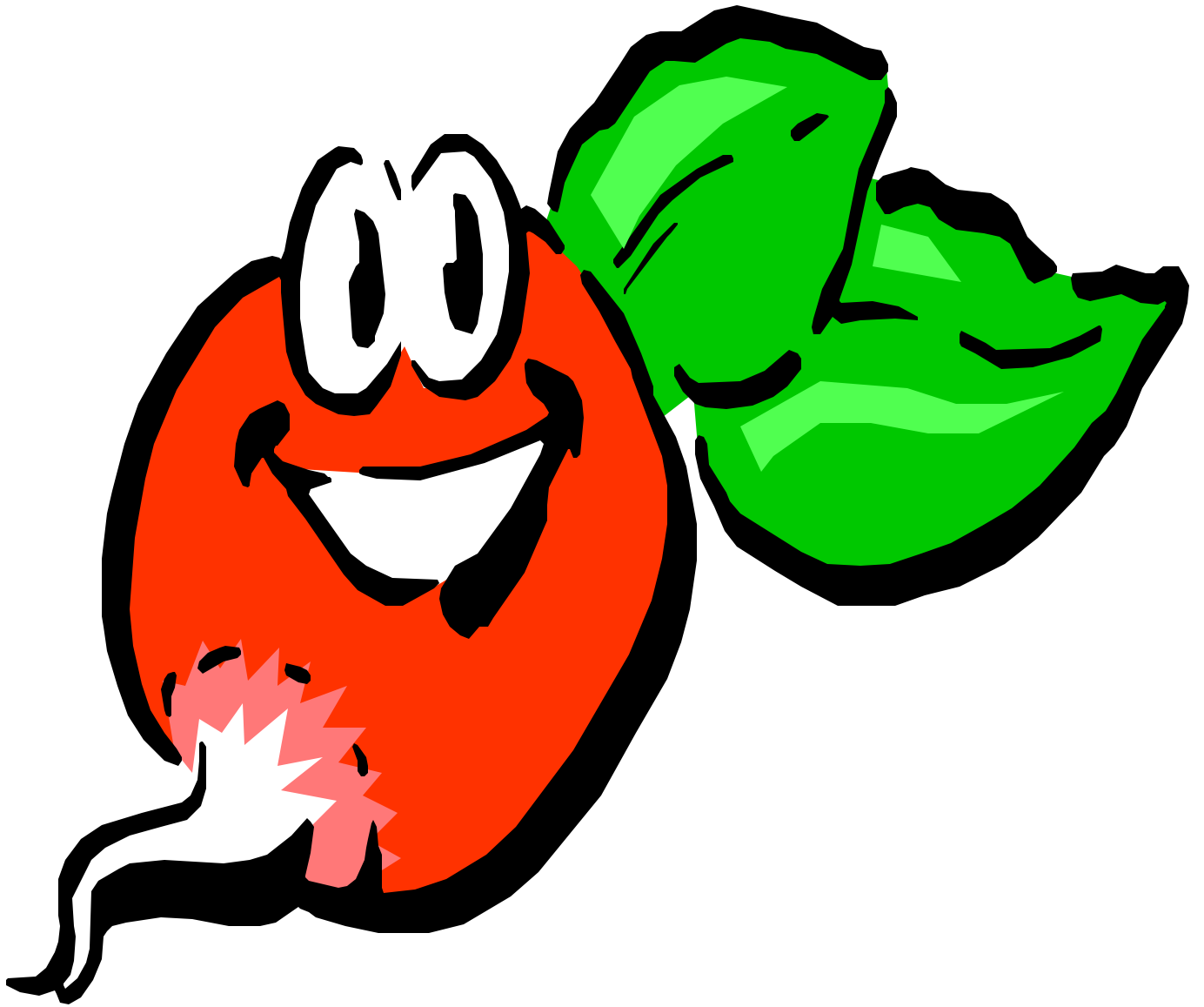
**Problem 5**

- Neither the lettuce nor the peppers is next to the tomato.
- The radish is next to the lettuce.
- The lettuce and the peppers are next to each other.









## Logic Line Ups

*Adapted from Spencer Kagan's Cooperative Learning*

### **Science**

Things to Line Up...

- Science Lab Equipment
- Elements
- Animals
- Food
- Insects

### **Social Studies**

Things to Line Up...

- Historical Characters
- Events
- Time Periods
- Presidents
- Maps

### **Mathematics**

Things to Line Up...

- Numbers
- Decimals
- Fractions
- Shapes
- Addition, Subtraction, Multiplication, Division

### **Language Arts**

Things to Line Up...

- Letters
- Story Characters
- Books
- Parts of Speech