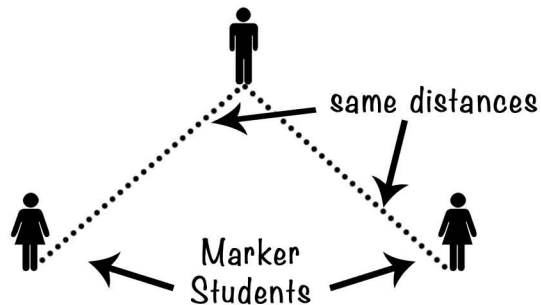


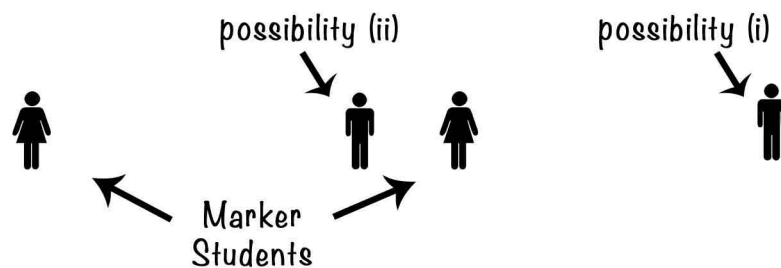
## Handout: Recipes

Which of the following recipes defines a line?

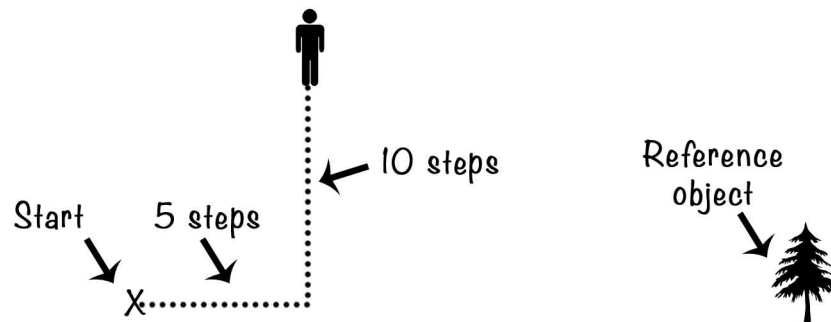
- A. Two MARKER STUDENTS stand apart from one another and don't move. All other students move to any point that is equal distance from both marker students.



- B. Two MARKER STUDENTS stand apart from one another and don't move. All other students now stand in any place where either they:
- i. Are invisible to one of the marker students (because they are hidden behind the other marker student),
  - or
  - ii. Block the view of each marker student from the other (ie stand somewhere between the two marker students)



- C. Pick a spot on the ground and call it the start. Pick a reference object in the distance. Each student picks a number, takes that number of steps from the start, towards the reference object, turns 90 degrees left and then goes twice their number of steps in the direction they are now facing (be careful not to vary your step lengths).



**Bonus Recipe:**

- D. Same as (A) except all non-marker students are twice as far from the first Marker student as the second. Is this also a line?

