

Name:	Date:	Period:
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Lab15: Random Walk in 2-D, Part One

- Initialize 1000 points at the center of your window.
- At each time step repeat 1000 times...
 - Flip a four-sided coin, then move a point up or down or left or right.
 - The idea is to do this *independently* for each of the 1000 points.
 - So, one point’s movement does not affect any other point’s movement.
- Draw a “dot” or a 1×1 rectangle at each point’s current location.
- Attach three screen shots showing early, middle, and late distributions.

Official Use Only

Header:	Name	Correct Date	Program Description
Style:	Comments	Variable Names	Modular
Data Structures:	Obvious	General	Lean
Algorithm:	Clear	Correct	Efficient
Scoring:	Raw _____	Late _____	Total _____