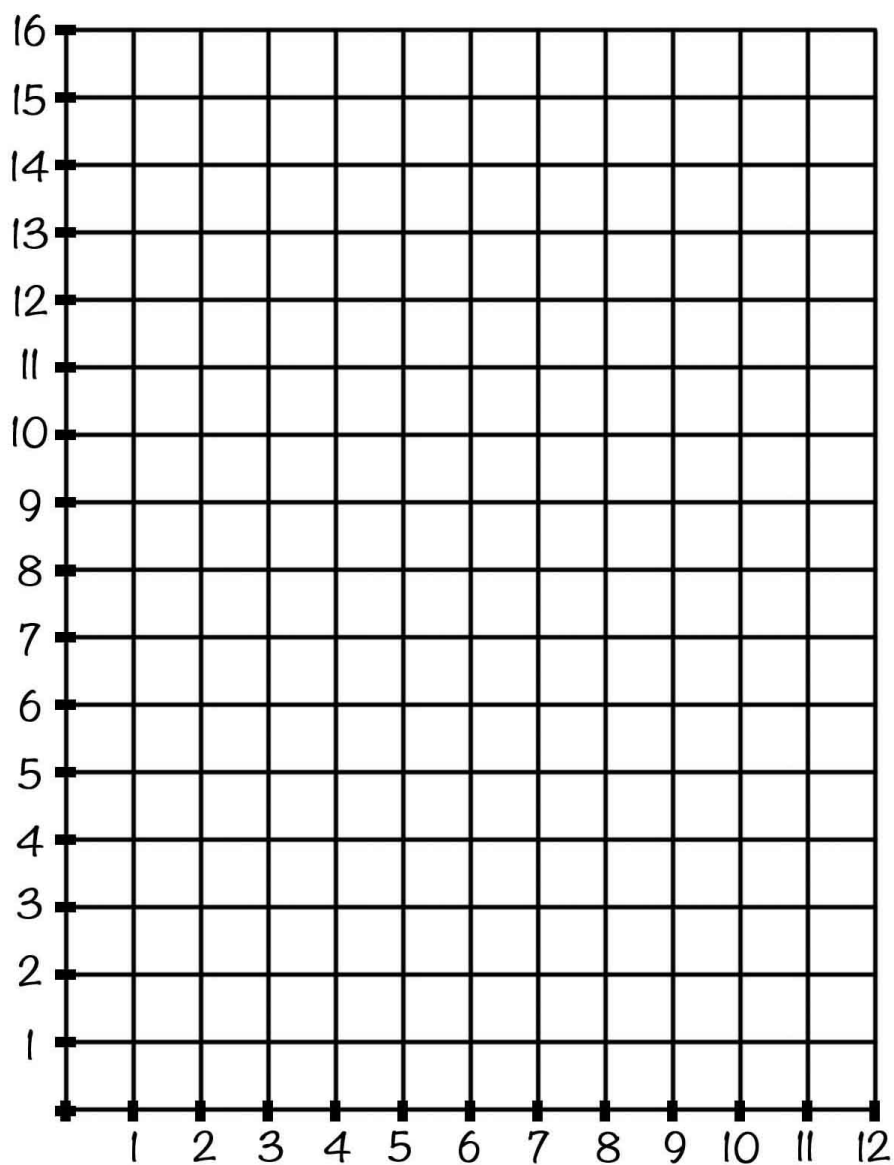


Handout: Recipes for Lines

Using this grid:



1. Start in the bottom left corner $(0,0)$, go right 1 unit & up 2 units. Mark the new point you arrive at.
2. From your most recent mark on the grid, repeat (1). Continue doing so until you run out of grid.

3. Connect all your marks.
4. With a new color, start at a new point (you pick), and do (1)- (3) again.
5. What do you notice about the two lines?
6. What would happen if you changed the recipe to: go right 2 & up 3?
Or right 2 & up 1? Or right 1 & down 1?
Play around with it. Explore other options.