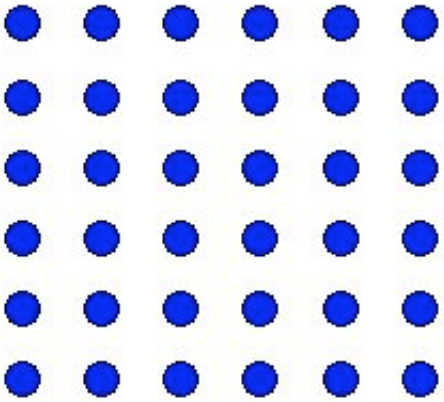
Complete the Square Grid Game

Today's game is a simple, but fun one. There is a strategy that will allow a winner each time which I will show you next week. Start by drawing a "grid" of even number points by even number points.

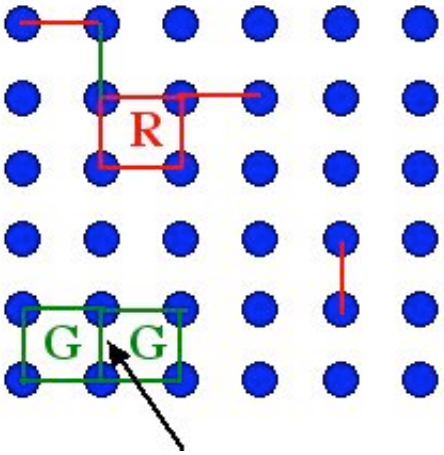
In the picture at the top on the right, I have used six points by six points. This leaves five gaps by five gaps in between. Each player takes a turn alternatively joining any two points with a straight vertical or horizontal line. No diagonal lines are allowed. The players can join ANY two adjacent points, they do not have to have a continuous line.



Whenever a player completes a square, then they put their initials inside the square. I have used the initials "R" for Red and "G" for Green in the example on the right below. As you can see, Red has completed one square has put his "R" inside it.

Green follows with a green line, indicated by the arrow, that forms two squares with the one line. She puts her "G" in both of them.

Since there will end up being an odd number of squares (5 x 5 = 25), there will be a winner. The winner, of course, is the person whose initials are in the most squares.



HAVE FUN! Winning strategy: next week.

Answer for last week's puzzle

Here was last week's puzzle: I need to get exactly 4 litres of water. However, I have only 2 measuring cans, one of 5 litres and one of 3 litres. Neither can has any other markings on them. I have an unlimited supply of water and can pour water from can to can, empty and fill each can as much as I want. How do I fill up the cans and empty them so that end up with exactly 4 litres of water? When solved, try the same puzzle, but now you have to end up with exactly 1 litre.

Step taken	Water in 5 Litre Can	Water in 3 Litre Can
Beginning	0	0
Fill up 3 Litre Can	0	3
Pour all of 3 Litre can into 5 L can	3	0
Fill up 3 Litre Can	3	3
Fill up 5 L can from the 3 L can	5	1
Empty 5 Litre Can	0	1 (2^{nd} part of puzzle solved)
Pour 1 L from 3 L can into 5 L can	1	0
Fill up 3 Litre Can	1	3
Pour all of 3 L can into 5 L can	4	0 (1^{st} part of puzzle solved)