

## SPLIT.

2 Players. A Player gets 2 piles of stones, throws one away and <sup>splits</sup> ~~gives~~ the other pile into two and gives them to the other player.

A Player who can't do what is demanded loses.

## SPLIT FIRST:

Same set up, but split first and then throw away a pile.

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to write to write a paper on the

the <sup>edge</sup> of the paper and

write the name of the

place in the margin

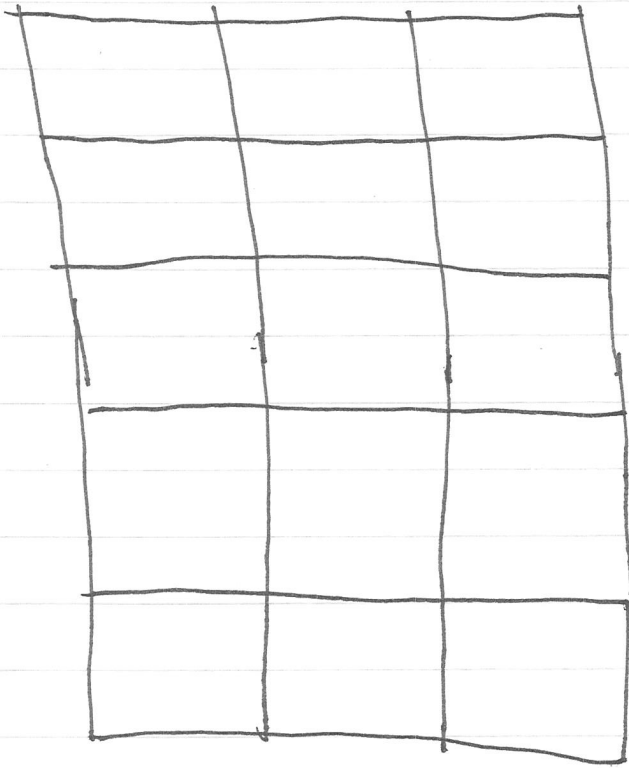
A paper on which to write

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to write to write a paper on the

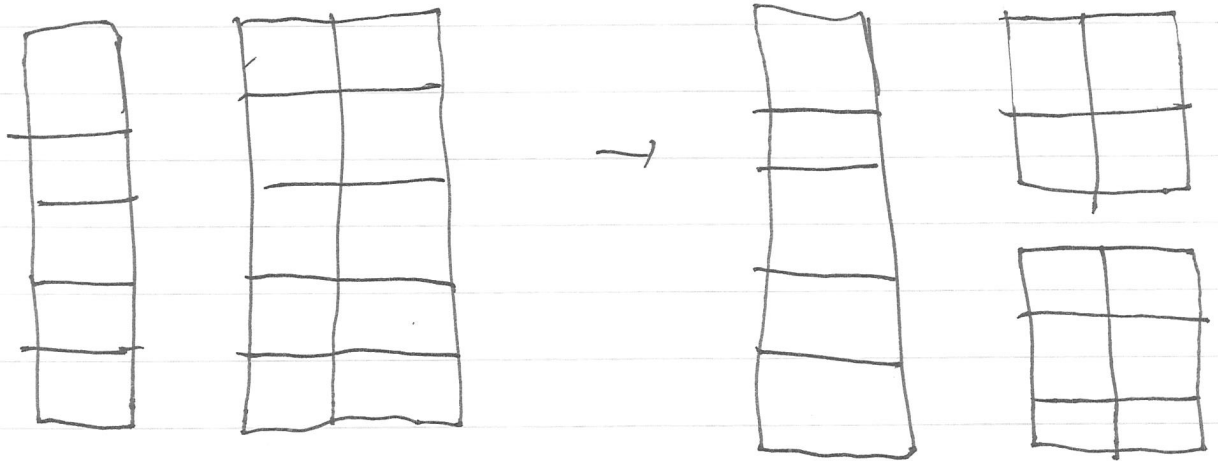
the <sup>edge</sup> of the paper and

# Chocolate Bar Game



Players alternate  
cutting along  
vertical or  
horizontal  
lines.

eg ↓



etc

# Chocolate Bar Game

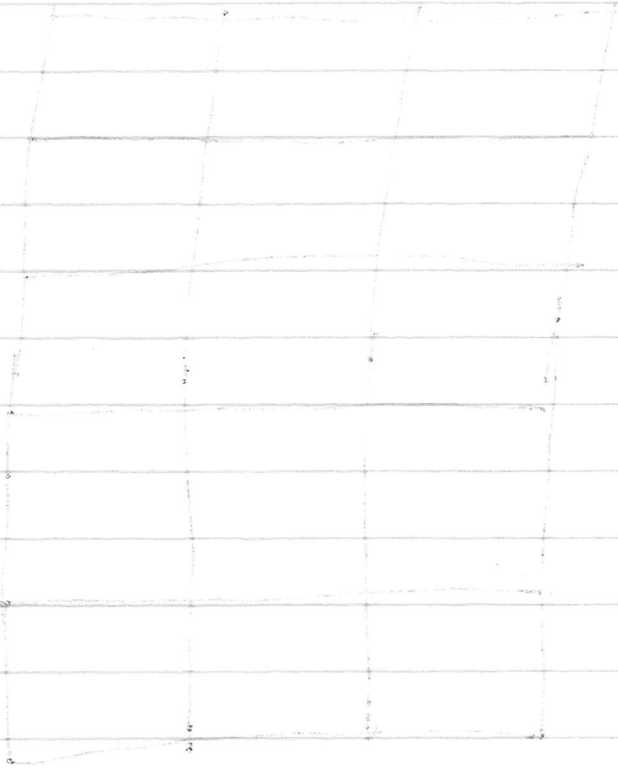
Player 1 starts

Cutting along

vertical or

horizontal

lines

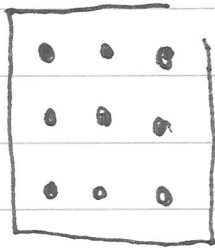


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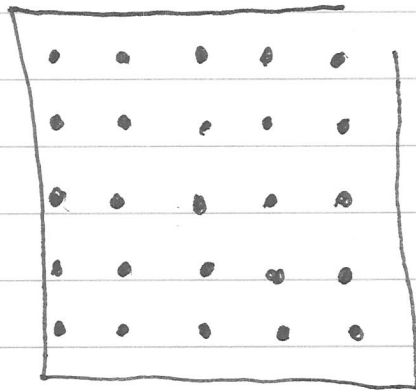


# Dot Game.

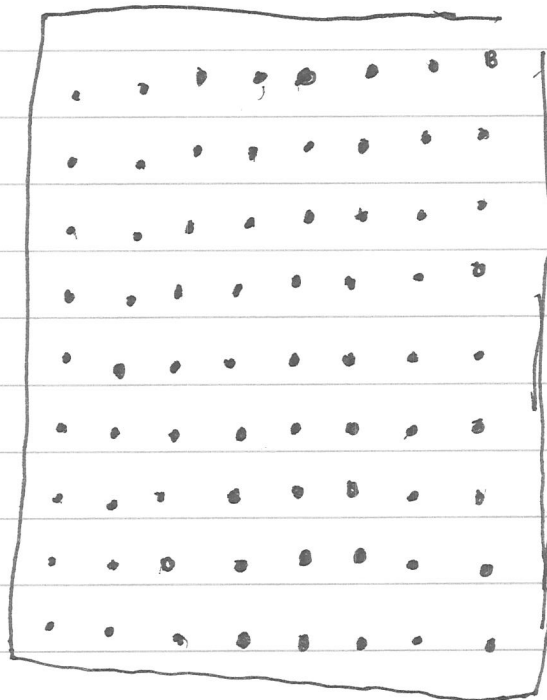
Dots are in a frame. Players alternate L and R connections to each other or the frame. First to create a cycle loses.



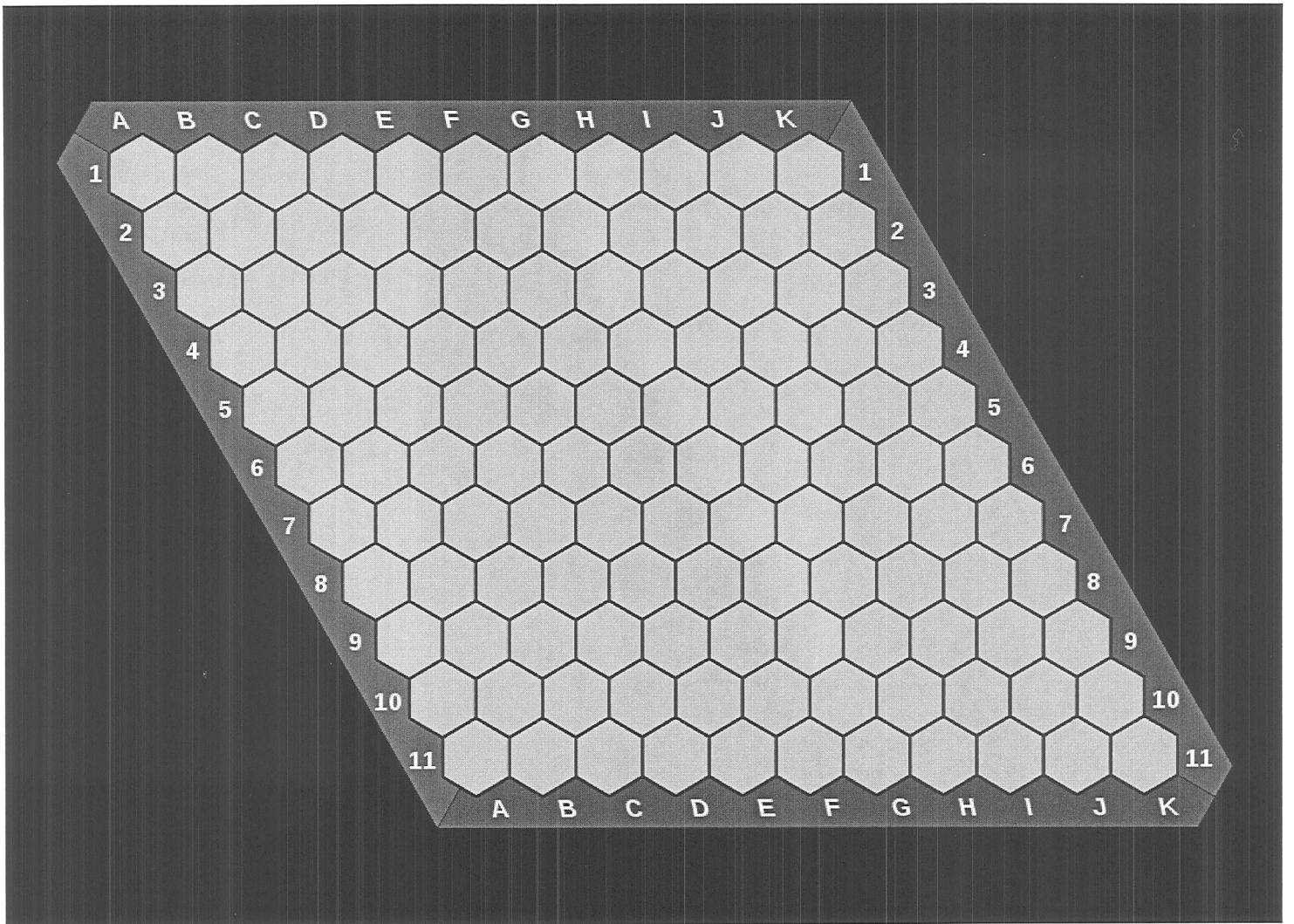
(You can allow all moves rather than restrict L & R



or remove the frame.)







HEX: Players alternate putting down pieces of their own color, trying to create a path from one side (of their color) to the other.

It is a nontrivial fact that (for any  $n \times n$  board) every game has a winner.

