## FRoM <br> Muddied +o <br> Clean

This is a series of logic puzzles. In every grid, the goal is to draw a loop. There will be certain constraints on the loop, however I won't tell you what they are.

Your goal is to infer the rules and solve the puzzles. If you have done so correctly, each of the grids will have a unique solution. It will help you to use this fact to help you figure out the rules. If you form a guess about the rules that does not lead to a unique solution, then your guess is not correct.

## SET 1



## SET 2

These next puzzles might seem impossible or might seem to not have unique solutions. If so, you probably have a correct set of rules, but not a complete set of rules. There is an additional rule you have to figure out that will result in all these grids having exactly one solution.

The extra rule is consistent with the first set, so each of the grids above also have exactly one solution with it, it just never needed to be used in the first set.


| $\diamond$ | $\diamond$ |  | $\diamond$ | $\diamond$ | $\diamond$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\diamond$ | $\diamond$ |  | $\diamond$ | $\diamond$ | $\diamond$ |
| $\diamond$ | $\diamond$ |  |  |  |  |
|  |  |  |  | $\diamond$ | $\diamond$ |
| $\diamond$ | $\diamond$ | $\diamond$ |  | $\diamond$ | $\diamond$ |
| $\diamond$ | $\diamond$ | $\diamond$ |  | $\diamond$ | $\diamond$ |



SET 3


SET 4
Feel free to do Set 4, Set 5 and Set 6 in any order, or skip around between them if you get stuck.



## SET 5



SET 6


SET 7


STOP! Do not continue to Set A and Set B until you understand the mechanics of sets 1-7

## SET A

There are no new mechanics here.
The rules of Set A are consistent with Sets 1-7


## SET B

There are no new mechanics here.
The rules of Set B are consistent with Sets 1-7


STOP! Do not continue to Set ? until you understand the mechanics of Set A and Set B

## SET?

The rules of Set ? are not consistent with Sets 1-7, but you should now know enough to be able to solve them


