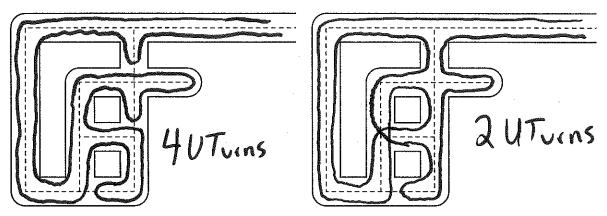
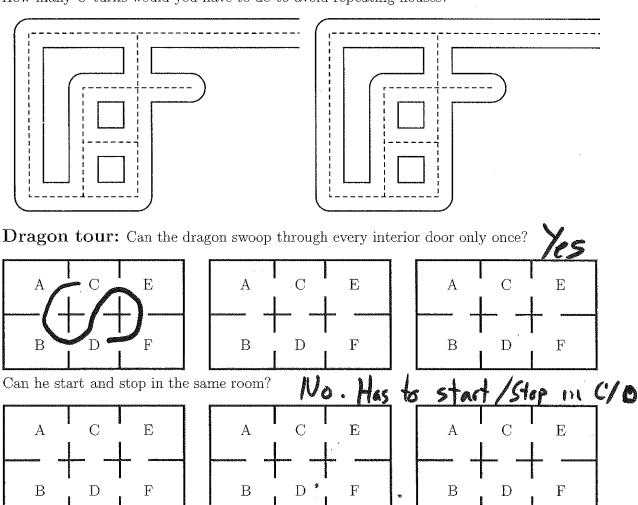
MA111 2015-12-01 Routing problems

Garbage truck: How should the garbage truck go through the neighborhood? It is an "automatic side loader" garbage truck with a giant claw on the right hand side, so it can empty all the garbage cans on the right hand side of the street as it goes by. Of course, if it goes the same way on the same street twice, the garbage is already done, and it is wasting its time.

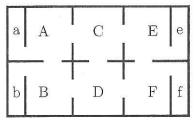


How many U-turns would you have to do to avoid repeating houses?



MA111 2015-12-01 Routing problems

Dargon tour with toilets: Can the dragon swoop through every interior door, including the closets and toilets?



a A C E e
b B D F f

Explain your reasoning.

No. If it starts in Q, it can never go back in. If it goes into Q, it can never get back out. The same for (BOEF)

Can these be traced? You can cross "under" bridges, but you should not repeat any It can't edge. In other words, trace the edges exactly once, without lifting your pencil.

