## Level 7

**C**atalysts

Like Level 6 but a bit more complex!

As we've mentioned already: Mars sand is very aggressive. The optimal path to the goal is therefore the shortest path.

You can solve level 7 as often as you want.

The Mars Rover Simulator always measures your total distance.

The Mars Rover Simulator does a ranking of the best (= shortest path) solutions.

The coders of the best solutions get a time credit (see table on next page).

So finish level 7 as quickly as possible.

Then take the rest of the time to minimize the path of your rover to goal to get a time credit.

The overall winner is the one whose total time (elapsed time – time credit) is the lowest.





## Level 7

## Catalysts

Time Credit [min]
45
35
30
28
26
24
22
20
18
16
14
12
10
8
6