Question5\_Prithvi

1)

2)

Find the minimum number of moves required to make sure that none of the pieces touch each other.

Rules:

1)One can only rotate any individual piece in the clockwise direction

2)we rotate them about the hinge (the black dot) in question 1, centre of mass in question 2

3)every 90 degree rotation will be considered as one move.

Ans) Question 1) 4 moves.

One of the many ways to get to this Solution is to move each piece once

Question 2) 8 moves

Solution: rotate all the blue ones or all the orange ones.