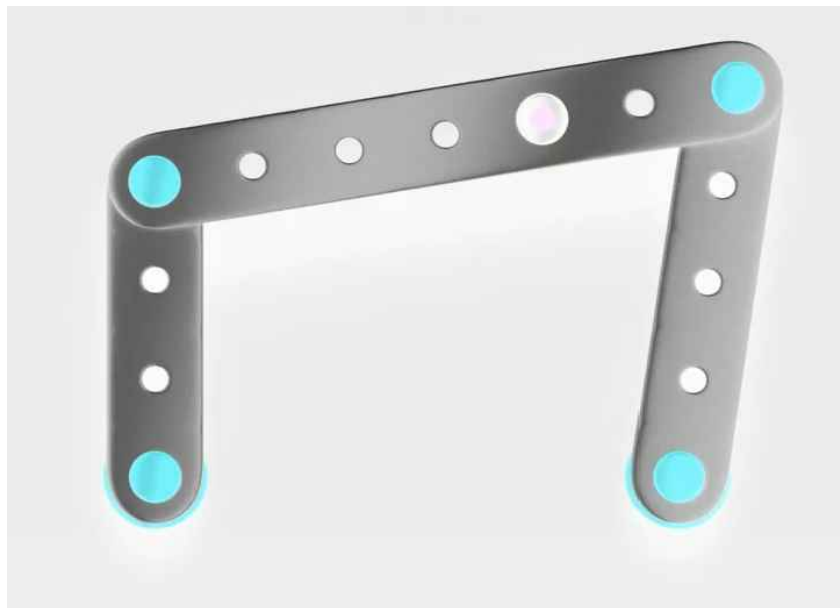
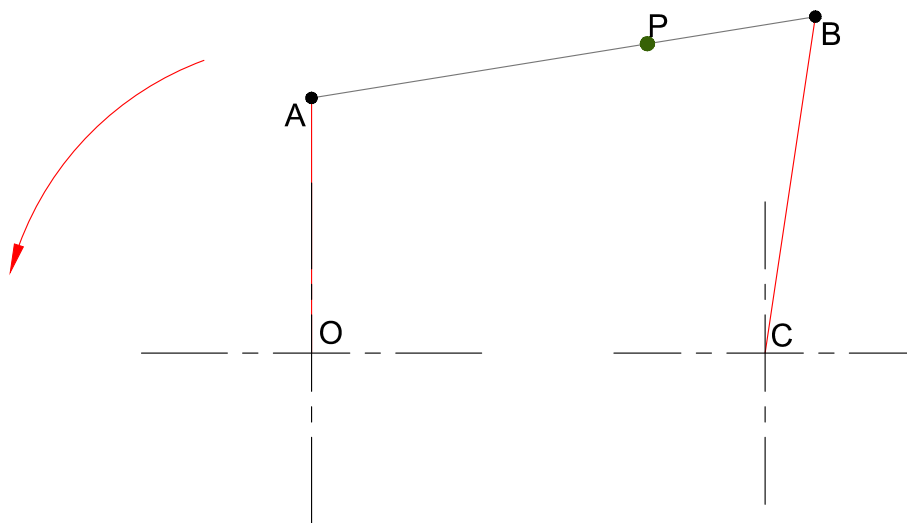


Linkage mechanism 1.

This mechanism is made up of the following components:

- a) two cranks;
- b) one linkage.

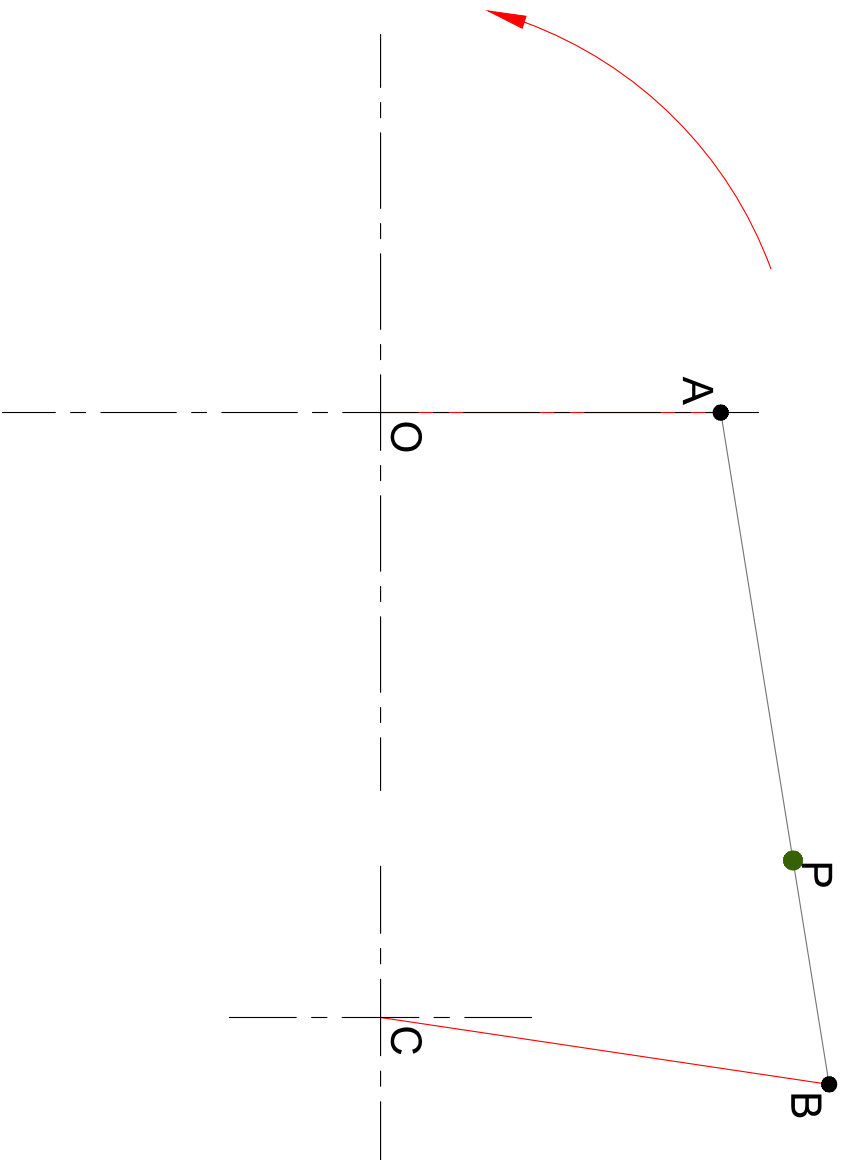
Plot the locus of point P for one complete revolution.



To help you visualize the mechanical motion better you can visit:
<https://youtu.be/gR2ZnhlObQc> for a video of the locus of this mechanism.

Loci Exercise Linkage Mechanism 1 - STARTER SHEET

The diagram shows a crank mechanism OA which rotates around centre O. Rod AB connects the crank to another rod BC which oscillates around C. Find the locus of point 'P' on rod AB as crank OA makes one whole revolution.



Loci Exercise Linkage Mechanism 1 - ANSWER SHEET

The diagram shows a crank mechanism 1 - OA which rotates around centre O. Rod AB connects the crank to another rod BC which oscillates around C. Find the locus of point 'P' on rod AB as crank OA makes one whole revolution.

