

1-Complete the sentences A. F using the passive form of the verbs in brackets and match them with the pictures in the flow chart 1-6



- A: The 3D object (print)- It in layers (build)
 B: Unbound material(remove). It away (Can- wash) or (break).
 C: The model (create).
 D: The model (extract) from the building platform.
 E: The machine(prepare)for the process.
 F: This final product (can – sell)

2- Watch the video at

<https://www.youtube.com/watch?v=zy3418T58Lw&feature=share>

3D printed with
MINIFACTORY®  www.miniFactory.fi

3D modeling software: Solid Edge
 Linear bearings from Igus

Printed with green PLA (biodegradable)
 3D modeling time: 15min
 3D printing time: 2h 10min
 Material cost: around 0,3 euros



Draw your own flow chart to describe the production process of this camera slide

RE- WRITE THE SENTENCES USING PASSIVE VOICE



Example:

Active voice:

Jack **used** two shafts and a 3D printer to produce a camera slide.

Passive voice:

Two shafts and a 3D printer **were used** to produce a camera slide

1- A.V: He created the 3Dmodels.

P.V-

2- A.V: He used the 3D modelling software Solid Edge.

P.V-

3- He chose green biodegradable PLA as printing filament.

P.V-.....

1:22 – He moved the 3D models to production.

PV-.....

1:30 – He set up the printer with the printing parameters.

PV-.....

1:34- The machine printed the 3 pieces.

PV-.....

1:48- He removed the pieces from the build platform.

PV-.....

1:59- He assembled the shafts and the printed parts.

PV-.....

2:00- He mounted the camera on the slide.

P.V-.....

2: 10 He tested the performance of the product.

PV. -.....