

## Ejercicio 1

Associate - CSWA FULL exam

### Question 12 of 14

For 15 points: ?

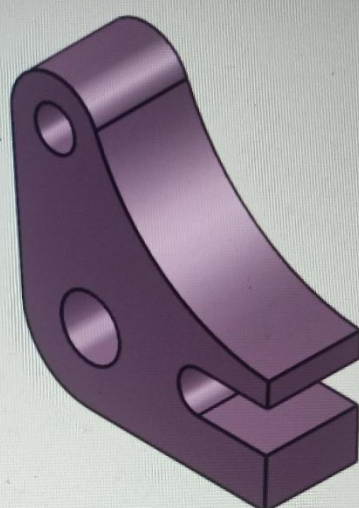
C12401: Advanced Part - Step 1 - (Bracket)  
Build this part in SOLIDWORKS.  
(Save part after each question in a different file in case it must be reviewed)

Unit system: MMGS (millimeter, gram, second)  
Decimal places: 2  
Part origin: Arbitrary  
All holes through all unless shown otherwise.  
Material: AISI 1020 Steel  
Density = 0.0079 g/mm<sup>3</sup>

A = 60.00  
B = 20.00  
C = 26.50

What is the overall mass of the part (grams)?

Hint: If you don't find an option within 1% of your answer please re-check your model(s).



847.21

787.87

923.22

732.13

Previous Question

Reset Question

8.3.3.2.131

Show Summary

Next Question →

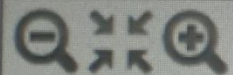
2021/12/29 00:50

132-53

-47:07

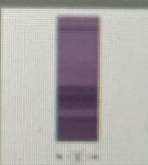
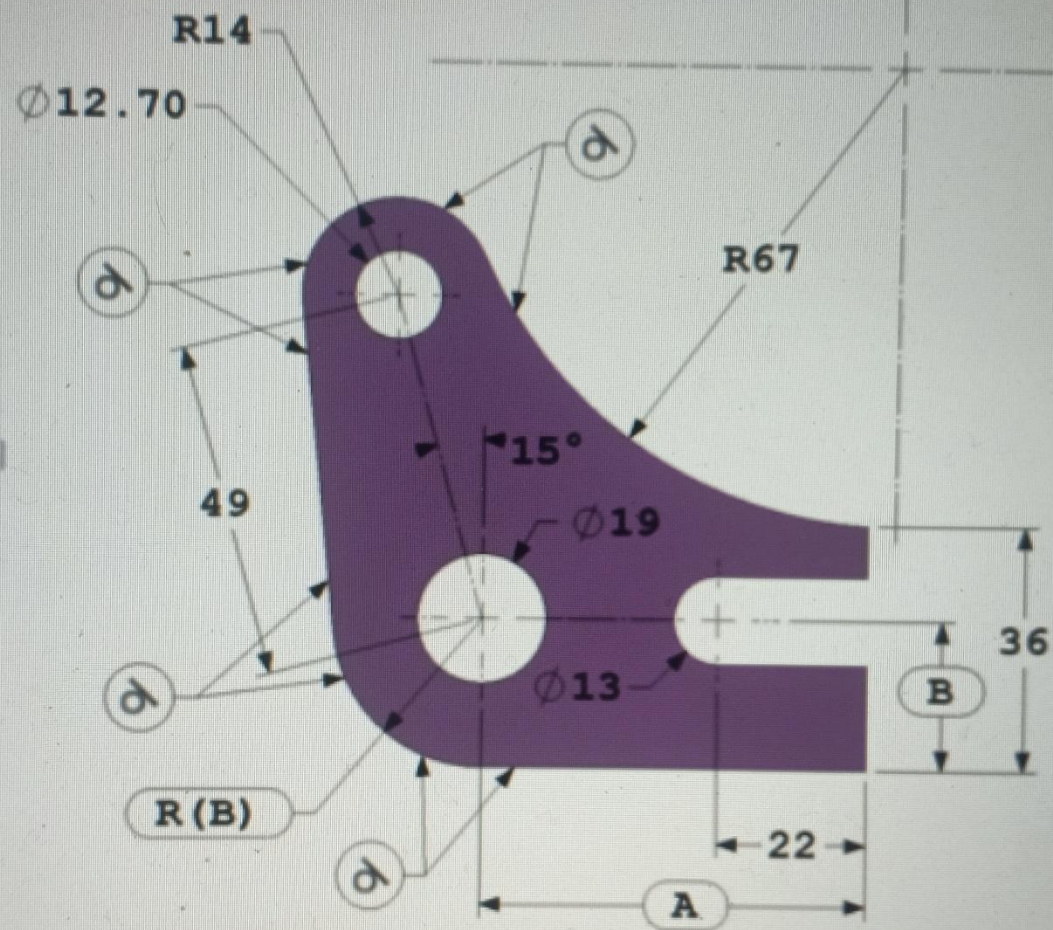






it

wer



2021/12/29 00:50

787.87





t)

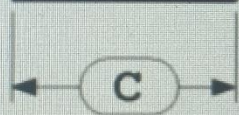
nt file in case it

cond)

wise.

ns)?

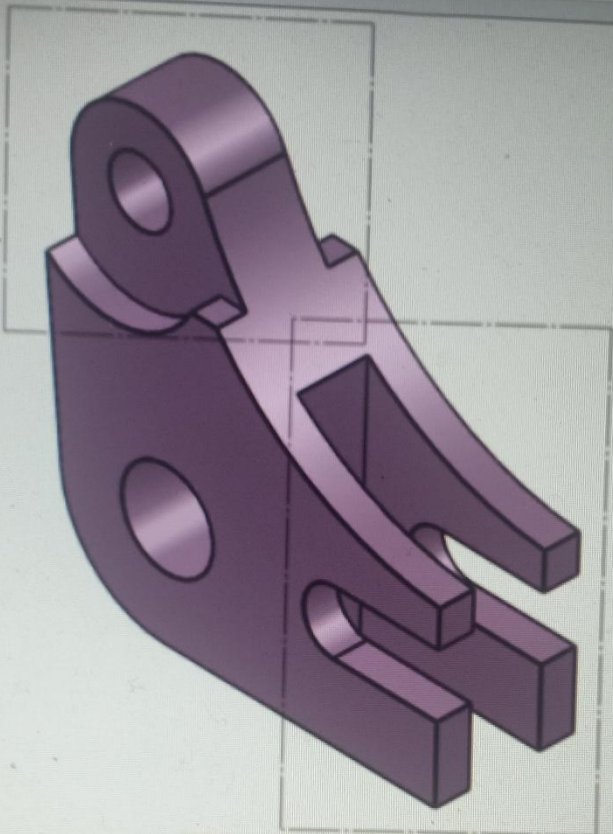
% of your answer





## Ejercicio 2

nd modify it  
same as in  
new features



Enter Value (g):

(use . (point) as decimal separator)

2021/12/29 00:50

f 14

Part - Step 2 - (Bracket)

SOLIDWORKS

(millimeter, gram, second)

unless shown otherwise.

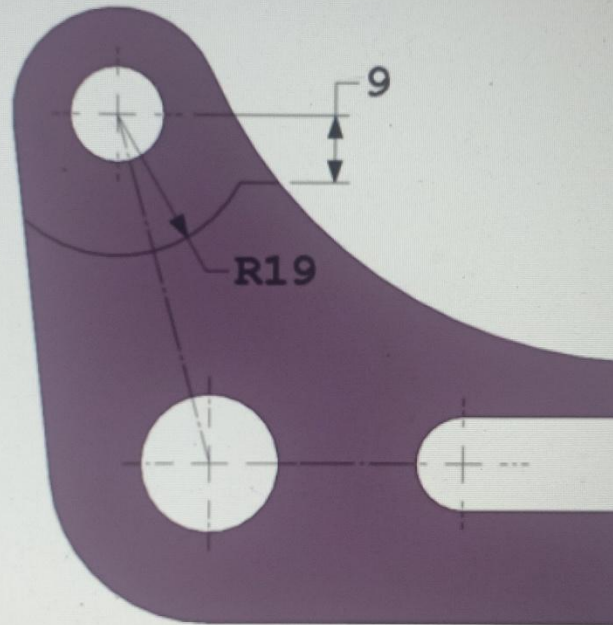
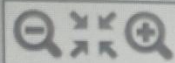
steel

mm^3

in the previous question and modify it  
al in the indicated areas.

shown dimensions are the same as in  
in. All dimensions for the new features

mass of the part (grams)?



Enter Value (g):

(use . (point) as decimal separator)



exam

14

Step 2 - (Bracket)  
WORKS

(meter, gram, second)

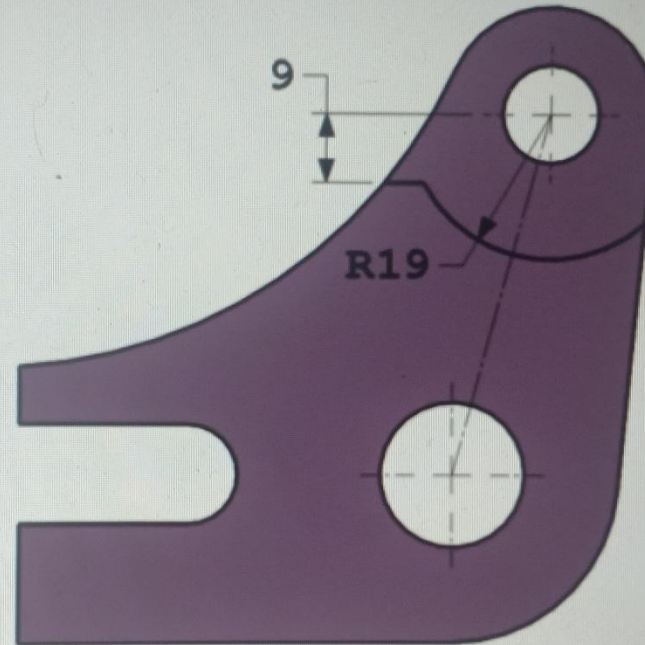
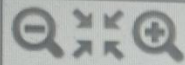
as shown otherwise.

3

the previous question and modify it  
the indicated areas.

own dimensions are the same as in  
all dimensions for the new features

of the part (grams)?



Enter Value (g):

506.45

(use . (point) as decimal separator)

2021/12/29 00:51

(bracket)

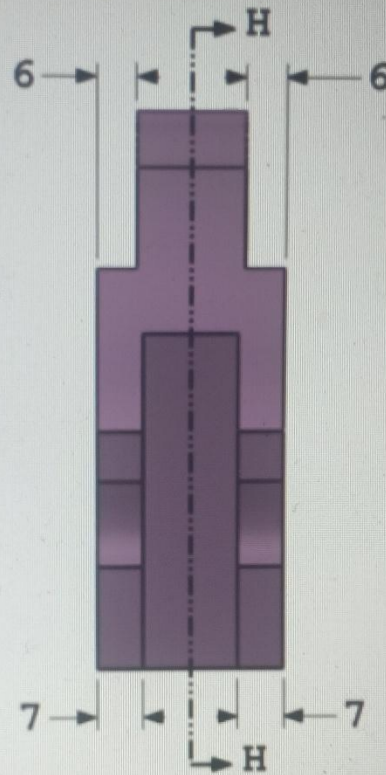
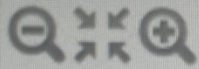
am, second)

otherwise.

s question and modify it  
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ions for the new features

t (grams)?



Enter Value (g):

506.45

(use . (point) as decimal separator)

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t)

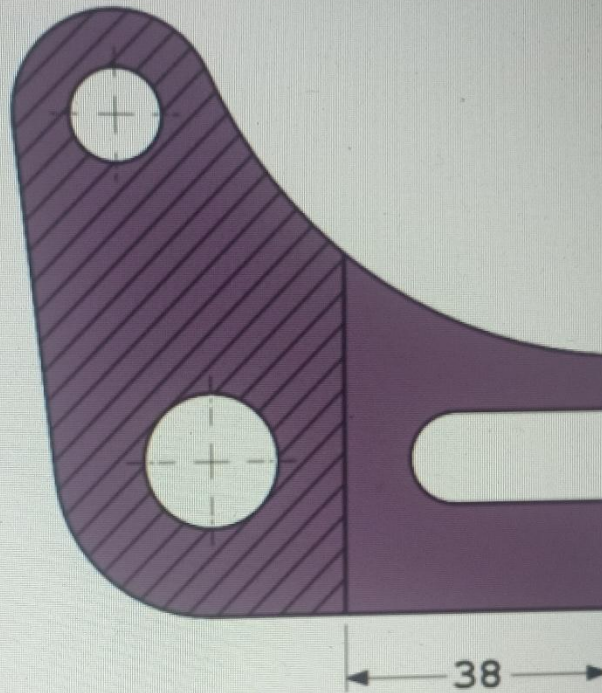
cond)

wise.

tion and modify it  
eas.

are the same as in  
or the new features

ams)?



H-H



Enter Value (g):

(use . (point) as decimal separator)

2021/12/29 00:51

### Ejercicio 3

CSWA FULL exam

n 14 of 14

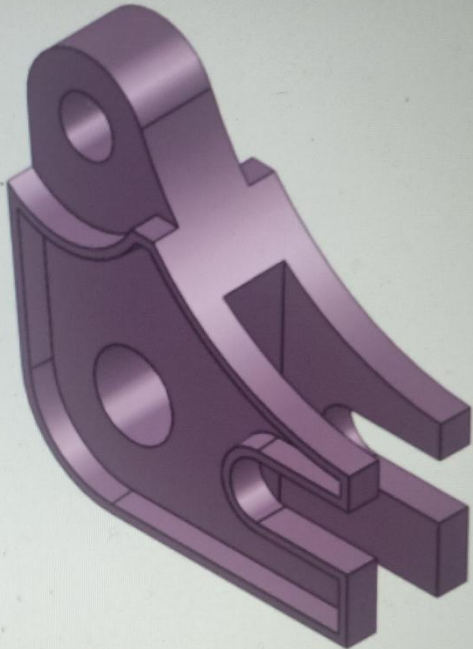
Advanced Part - Step 3 - (Bracket)  
part in SOLIDWORKS

Units: MMGS (millimeter, gram, second)  
Decimals: 2  
Origin: Arbitrary  
Tolerances: Through all unless shown otherwise.  
Material: USI 1020 Steel  
Density: 0.0079 g/mm<sup>3</sup>

Part created in the previous question and modify it  
by adding a drafted pocket.

Assume all unshown dimensions are the same as in  
the previous question. All dimensions for the new features  
are shown.

What is the overall mass of the part (grams)?



Enter Value (g):

(use . (point) as decimal separator)

2021/12/29 00:51





part (grams)?



(use . (point) as decimal separator)



14



- Step 3 - (Bracket)  
WORKS

limeter, gram, second)

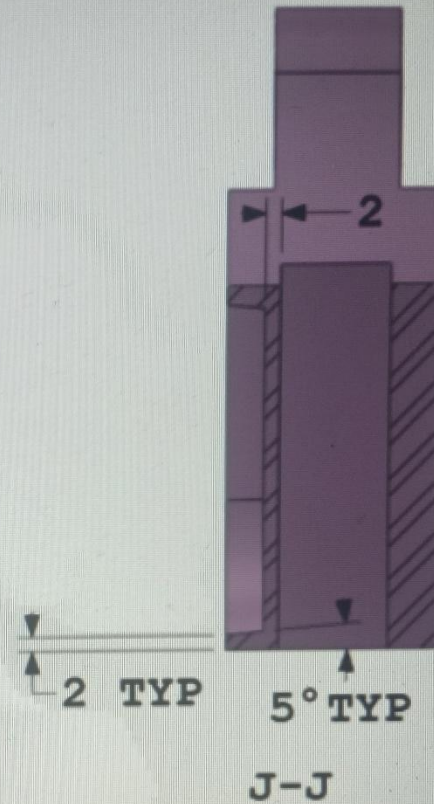
less shown otherwise.

<sup>^3</sup>

the previous question and modify it  
cket.

own dimensions are the same as in  
All dimensions for the new features

ss of the part (grams)?



Enter Value (g):

511.61

(use . (point) as decimal separator)