CSWA Exam Preparation
Practice set 1

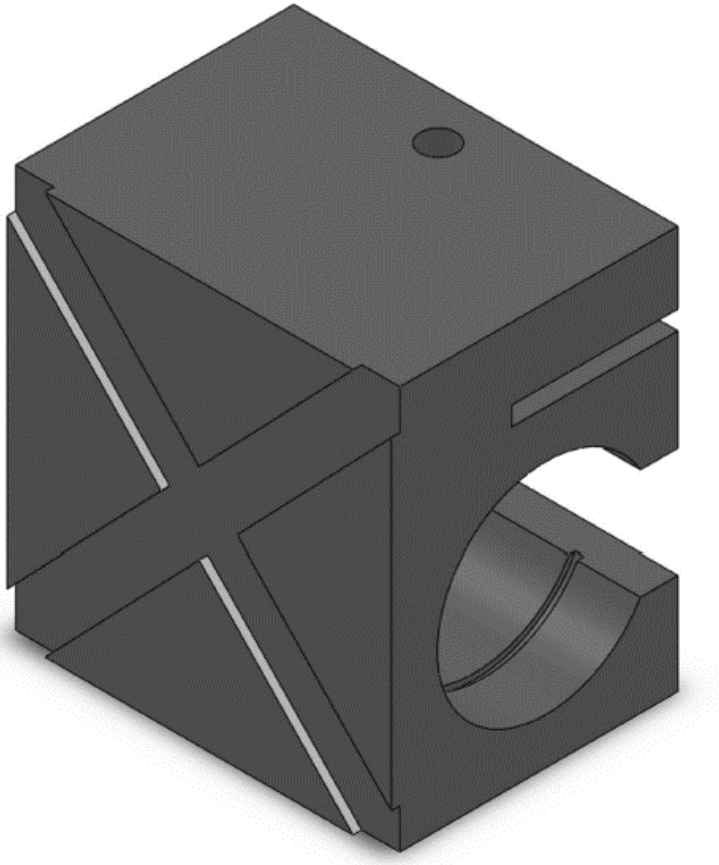
Question 1 – Part modeling

Model the part shown in the figures provided. Use the following information.

- Unit system: MMGS (millimeter, gram, second)
- Decimal places: 2
- Part origin: Arbitrary
- A = 50
- B = 70
- Material: AISI 1020

What is the overall mass of the part in grams?

A. 878.62
B. 998.54
C. 1098.32
D. 1127.72



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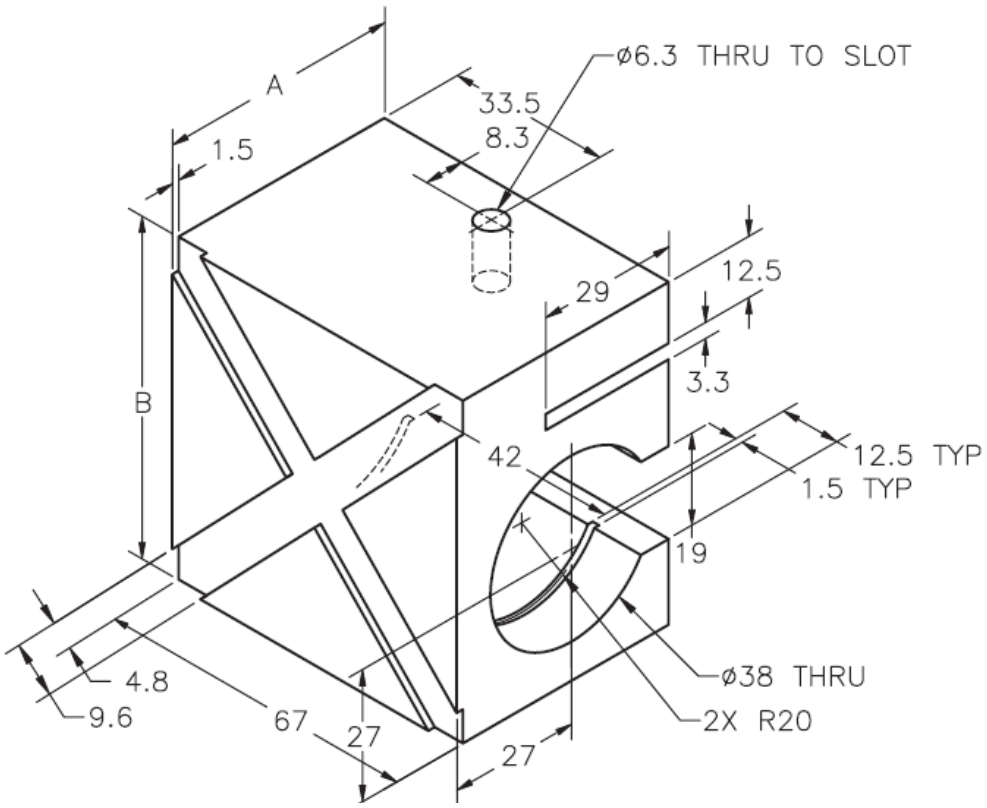
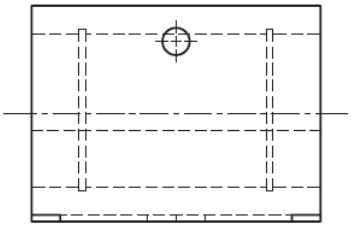
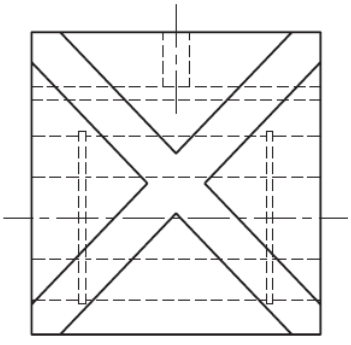
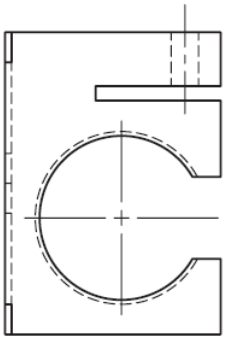
Question 1 - Drawings









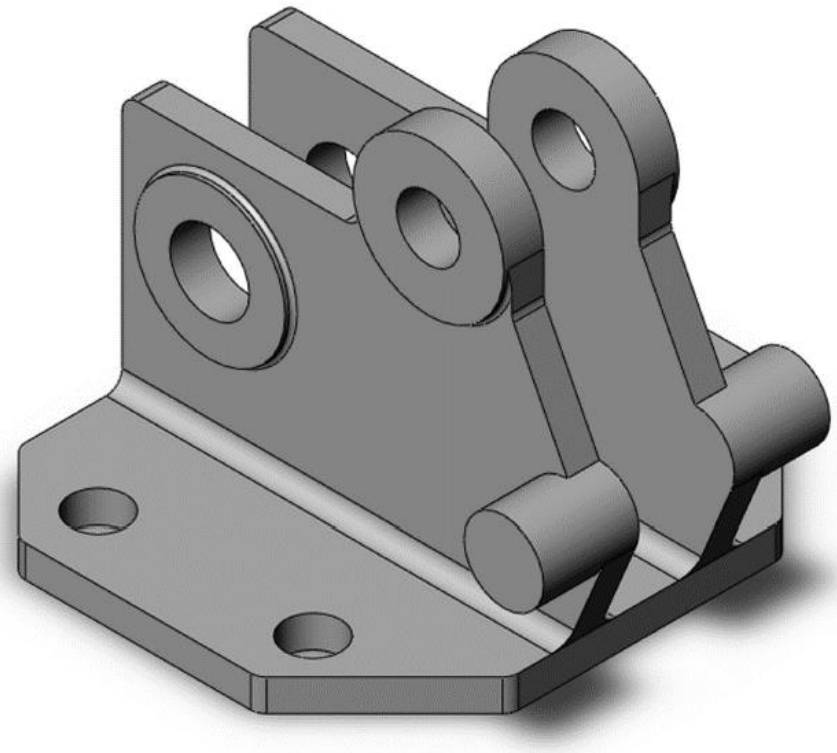
Question 2 – Part modeling

Model the part shown in the figures provided. Use the following information.

- Unit system: MMGS (millimeter, gram, second)
- Decimal places: 2
- Part origin: Arbitrary
- A = 66
- B = 56
- Material: Cast Carbon Steel

What is the overall mass of the part in grams?

A. 205.19
B. 236.98
C. 305.66
D. 442.33



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Question 2 - Drawings