



# ISOMETRIC DRAWINGS

## Drawing Principles

Developed by: PC Viljoen  
Senior Educational Specialist for  
Engineering Graphics and Design  
Free State Province

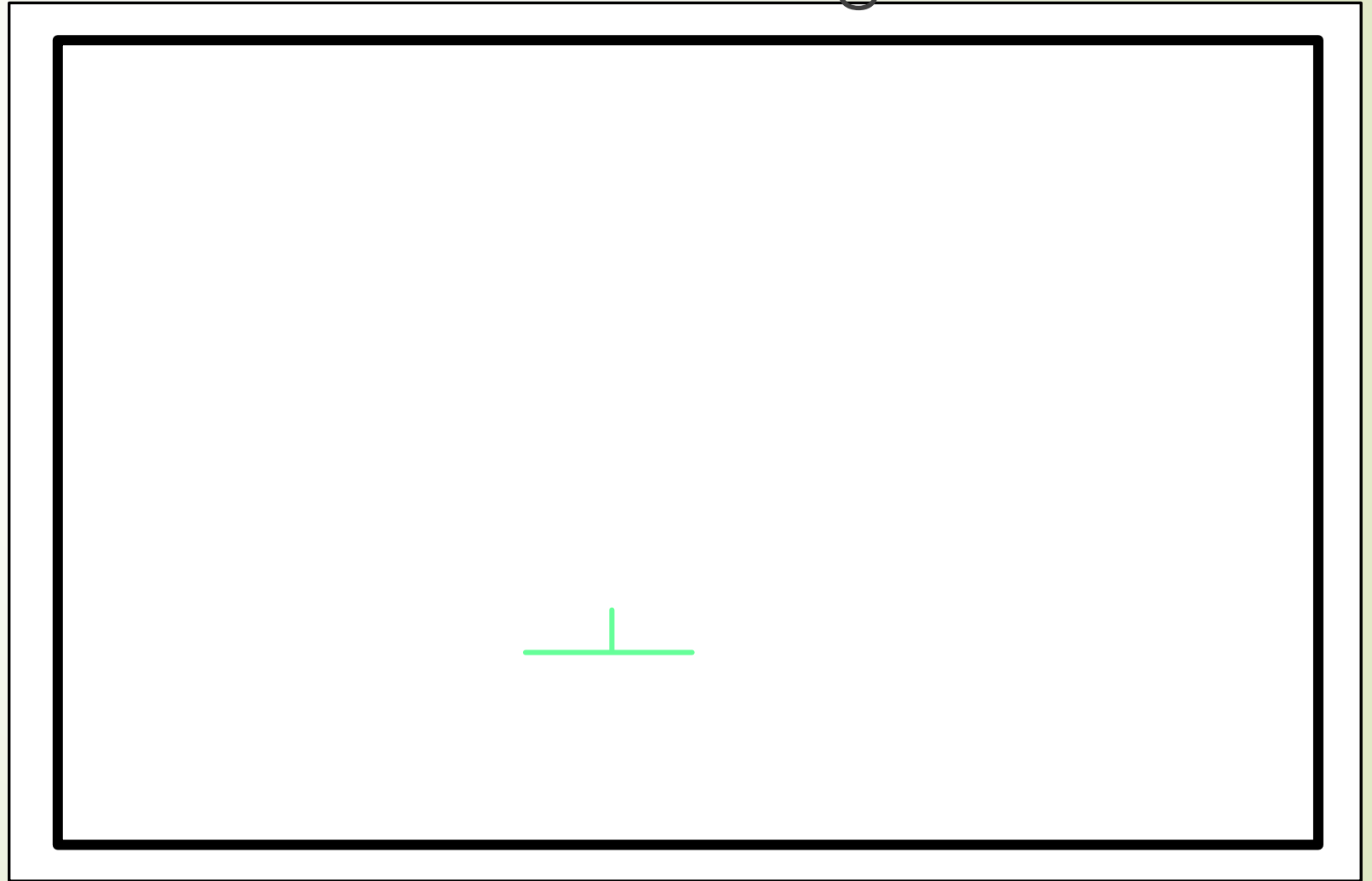
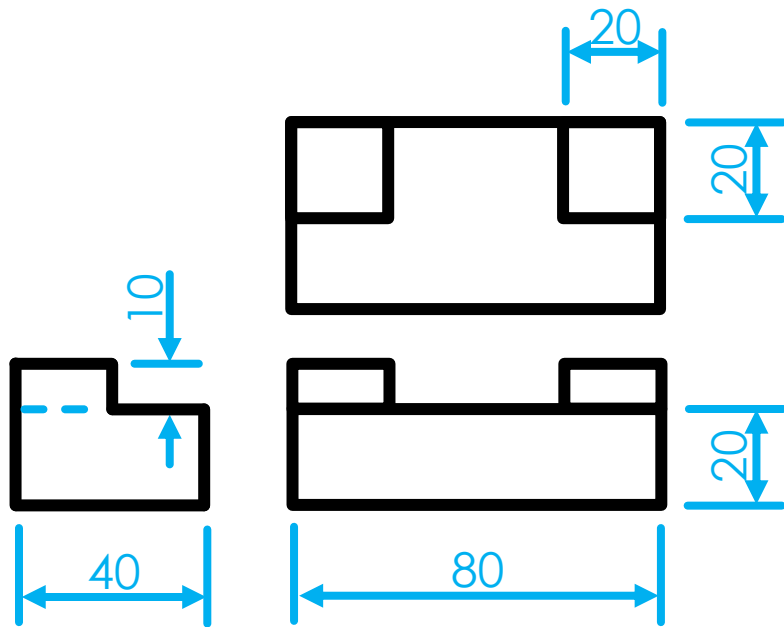


education

Department of  
Education  
FREE STATE PROVINCE

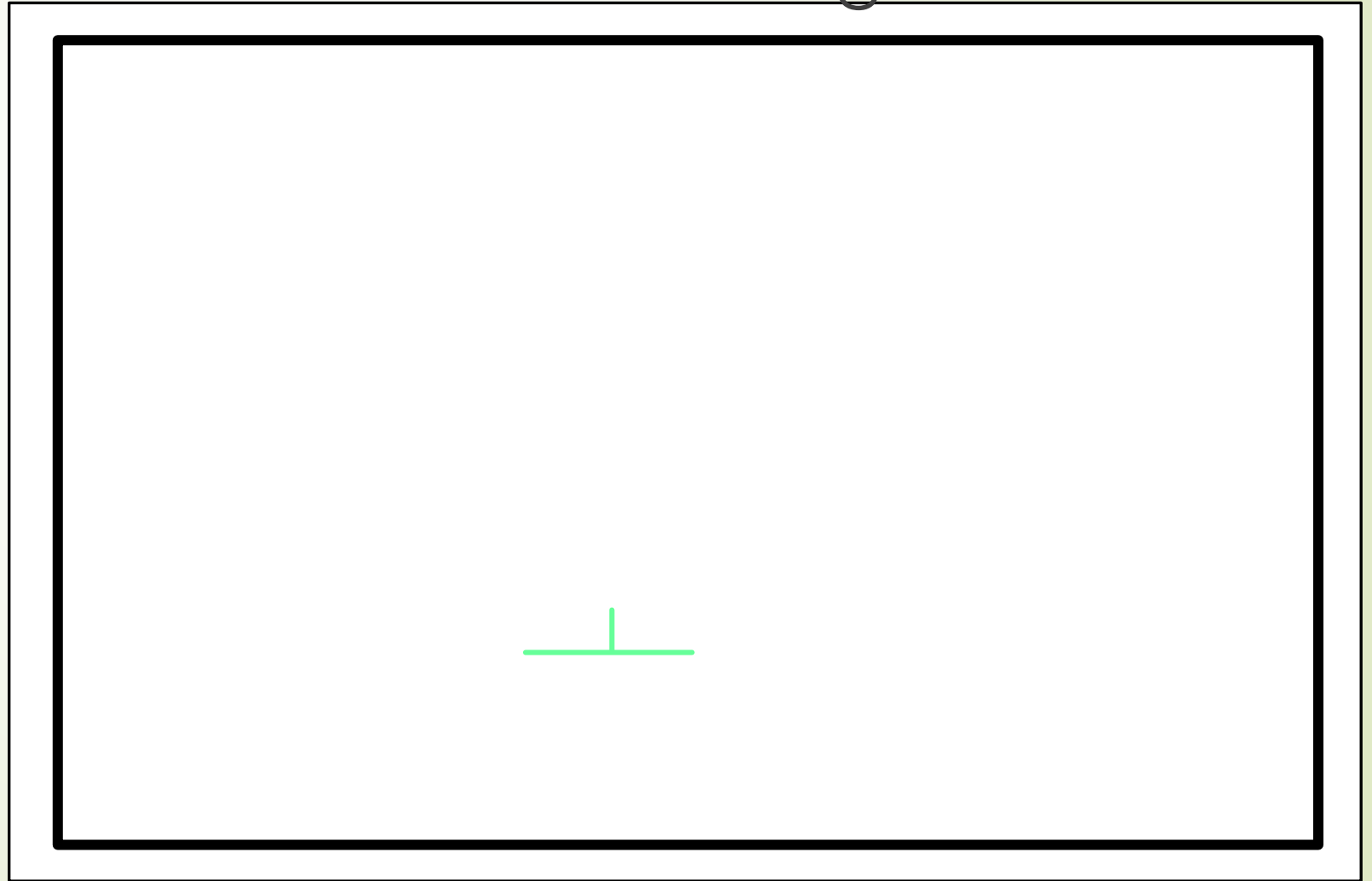
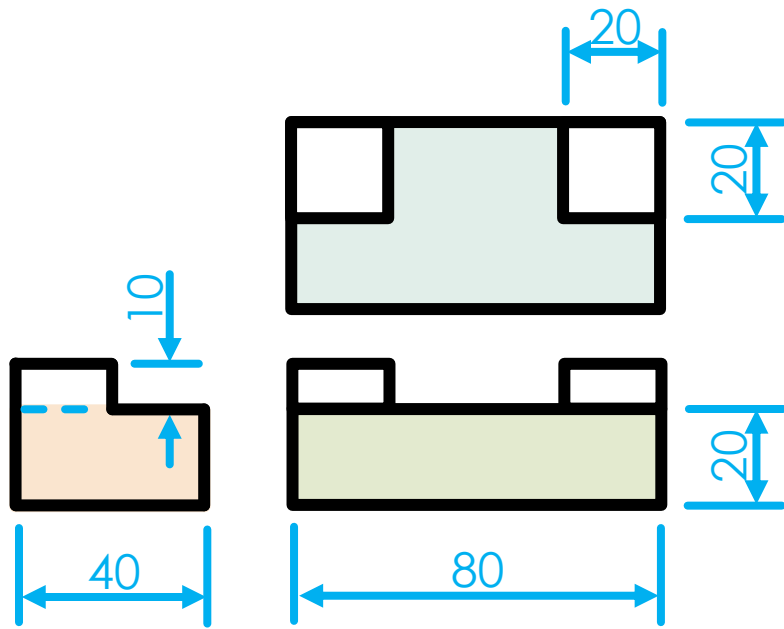
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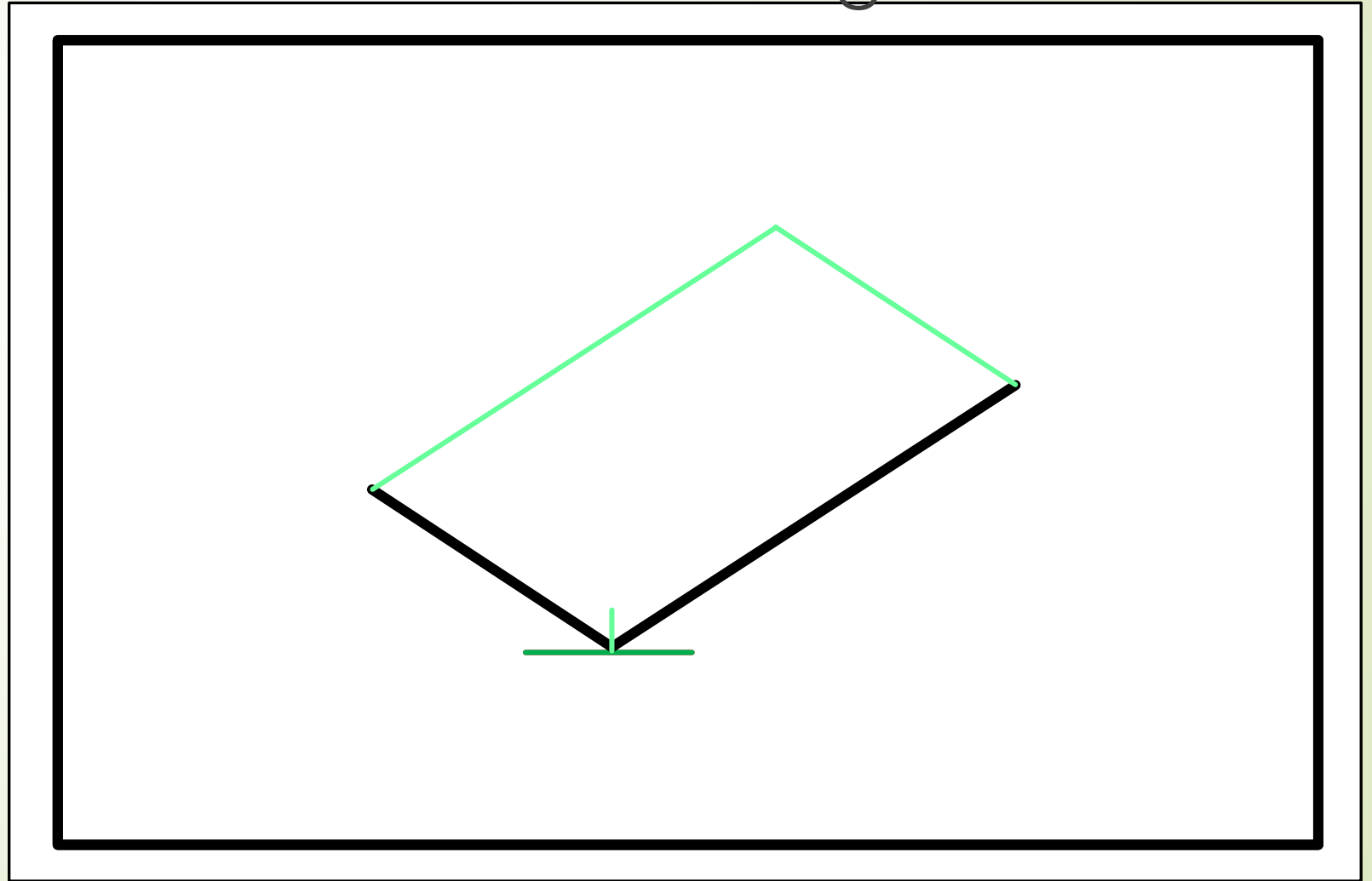
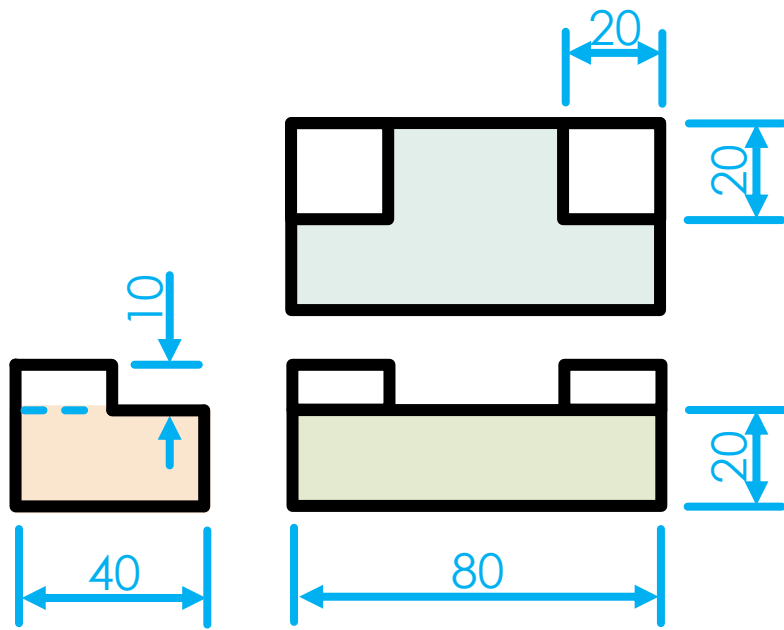
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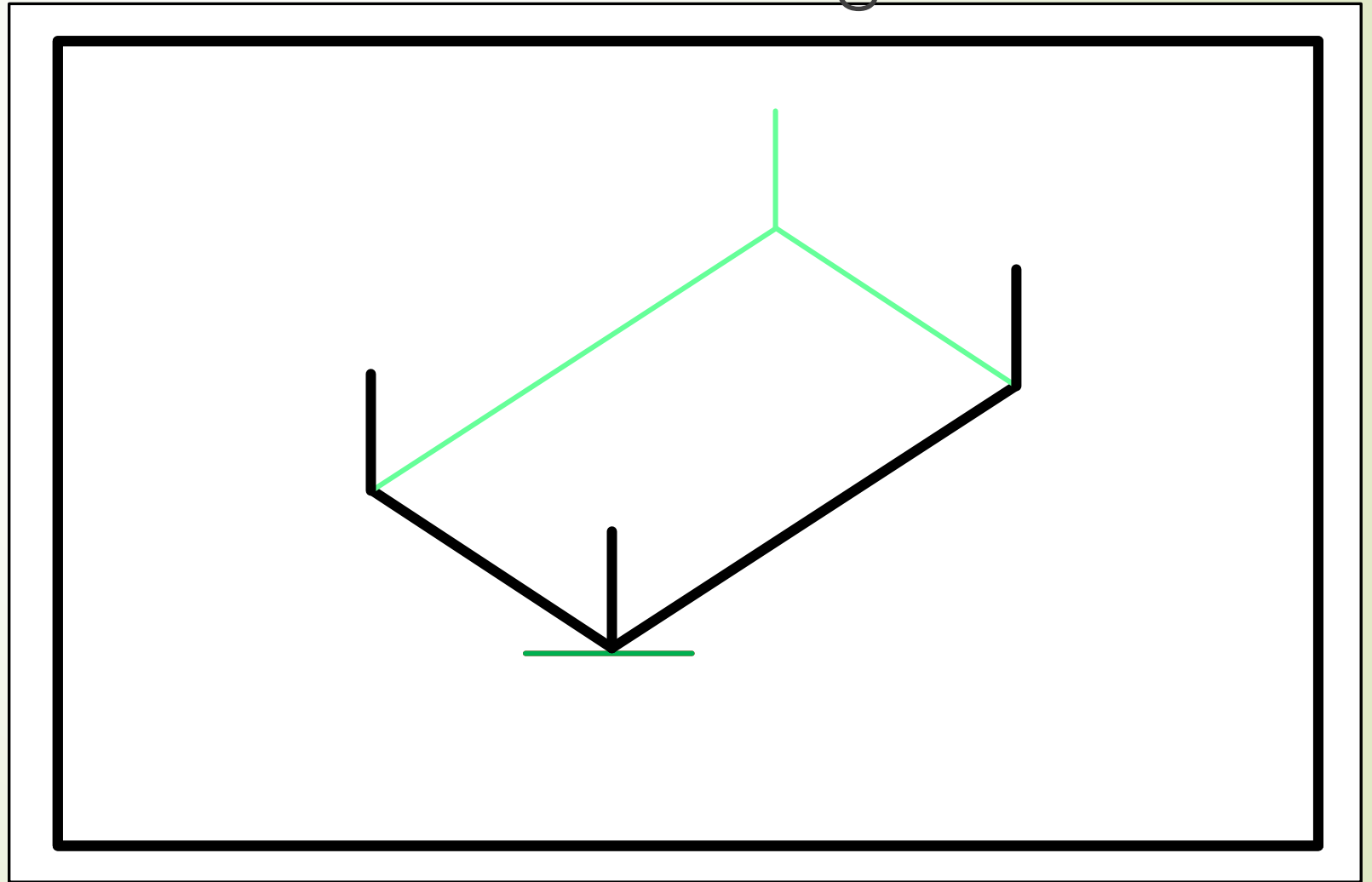
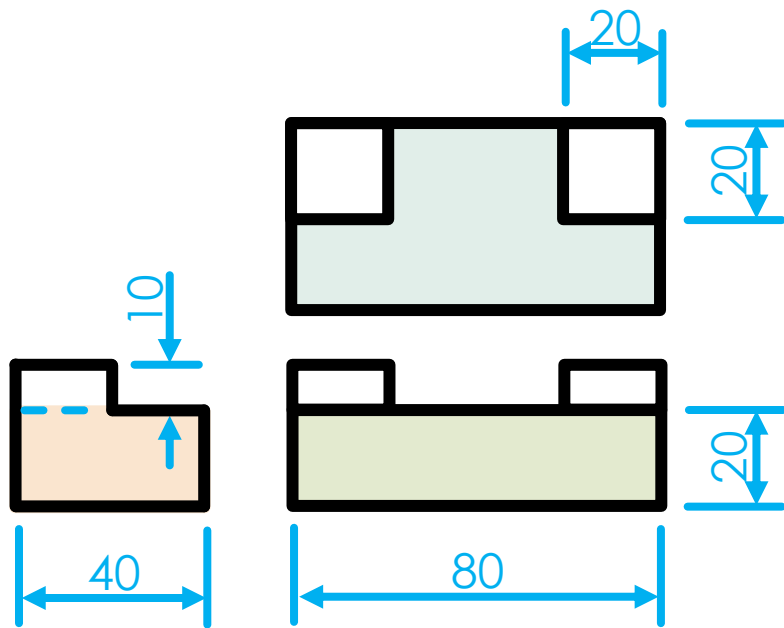
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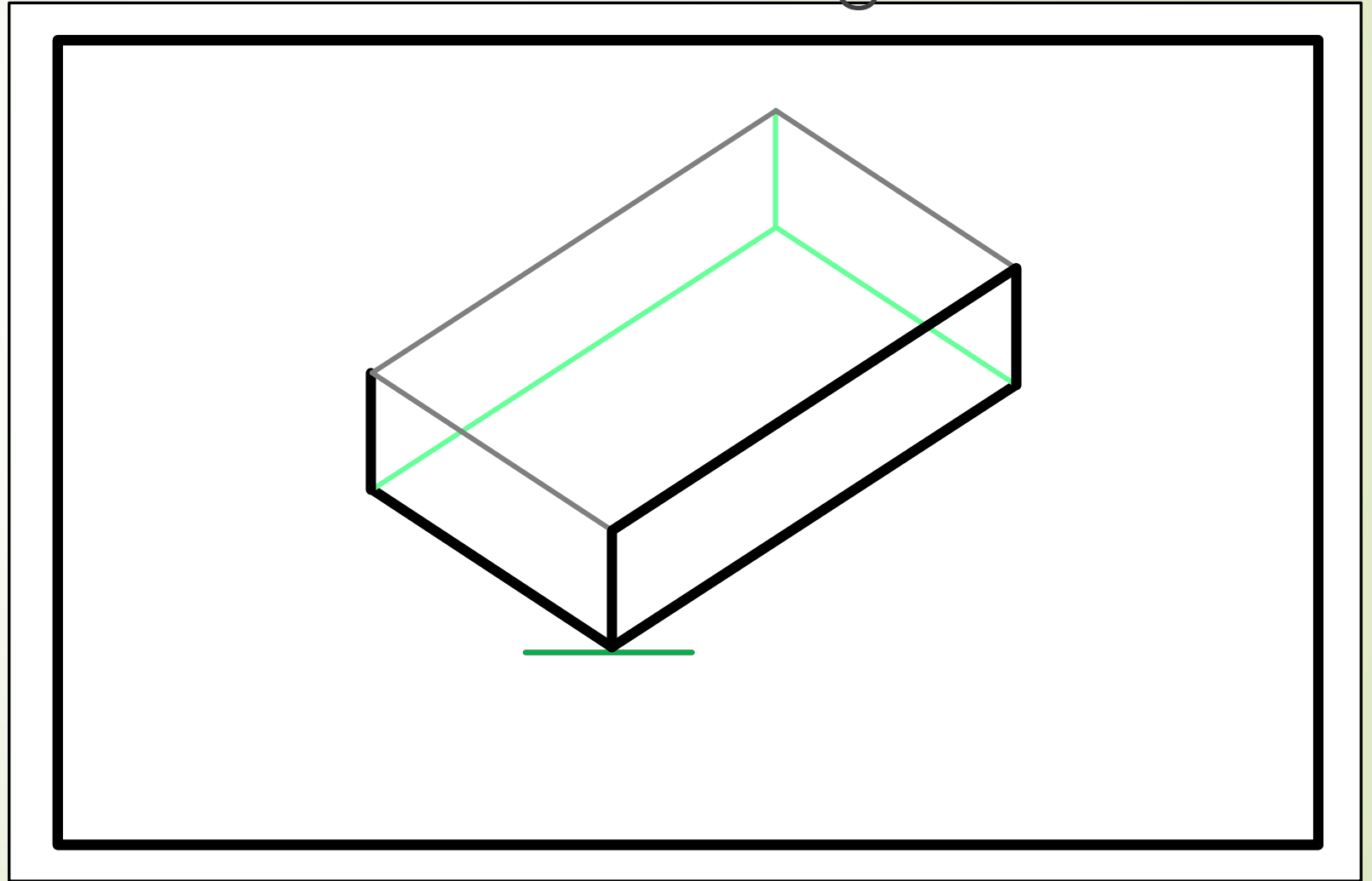
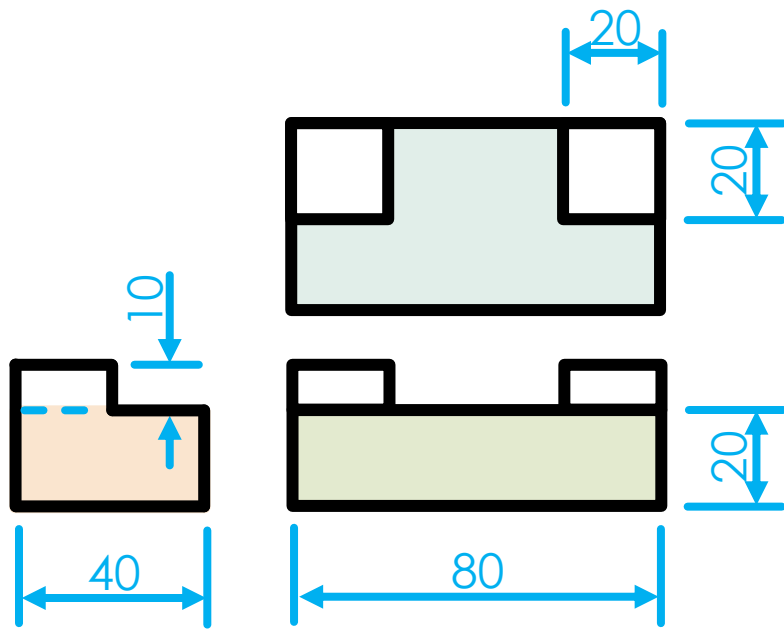
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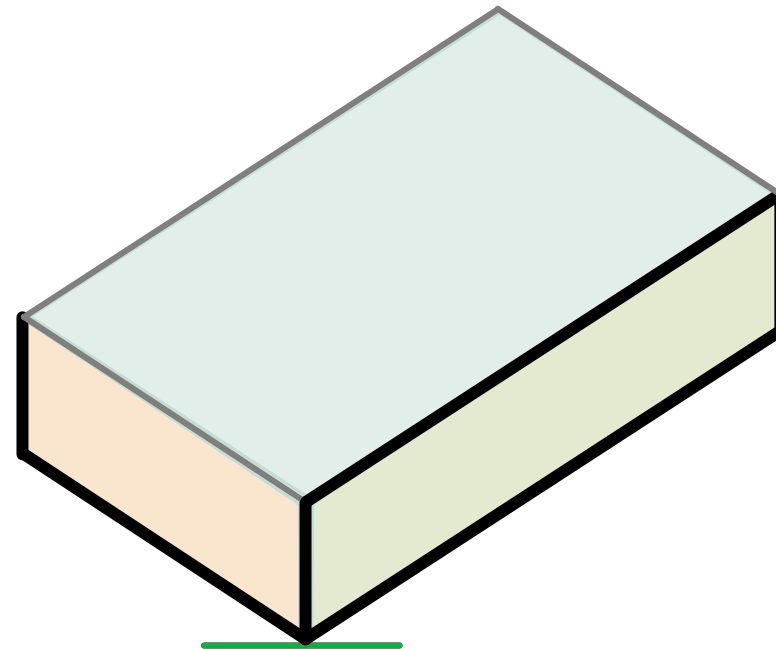
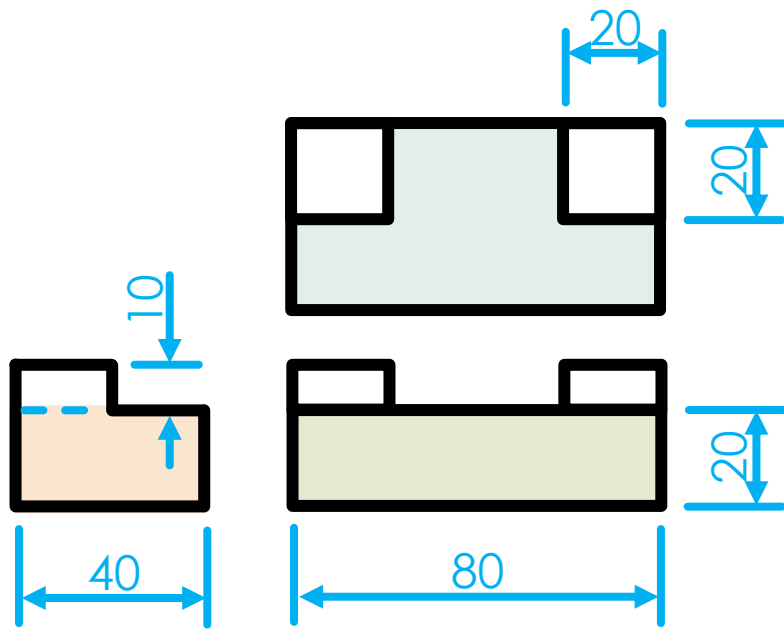
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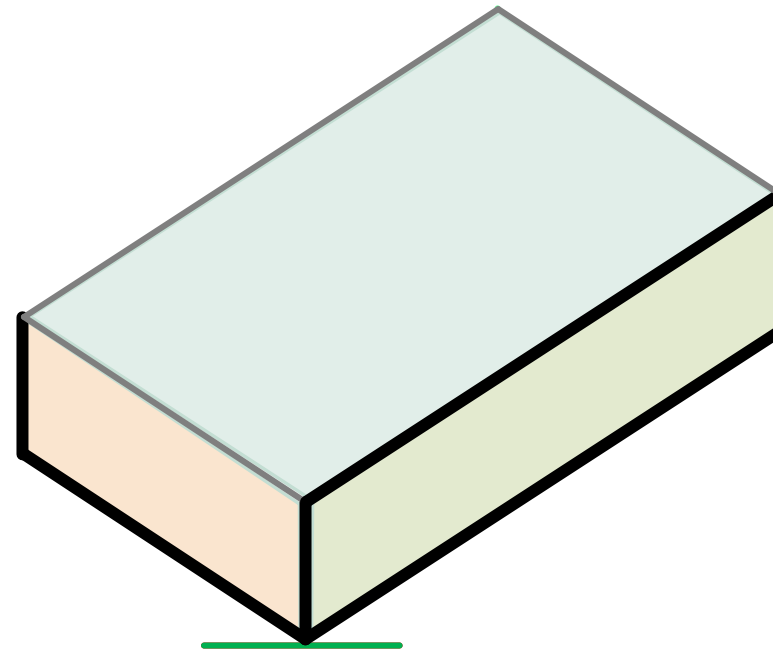
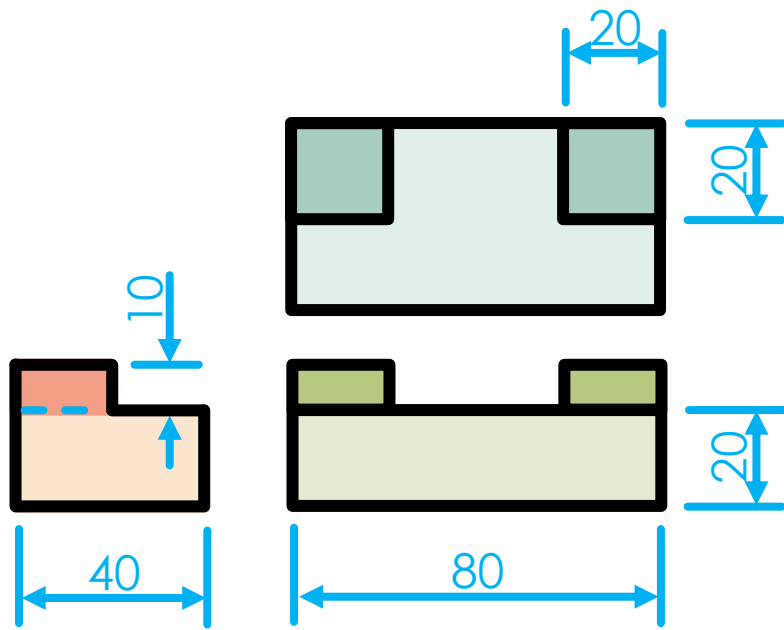
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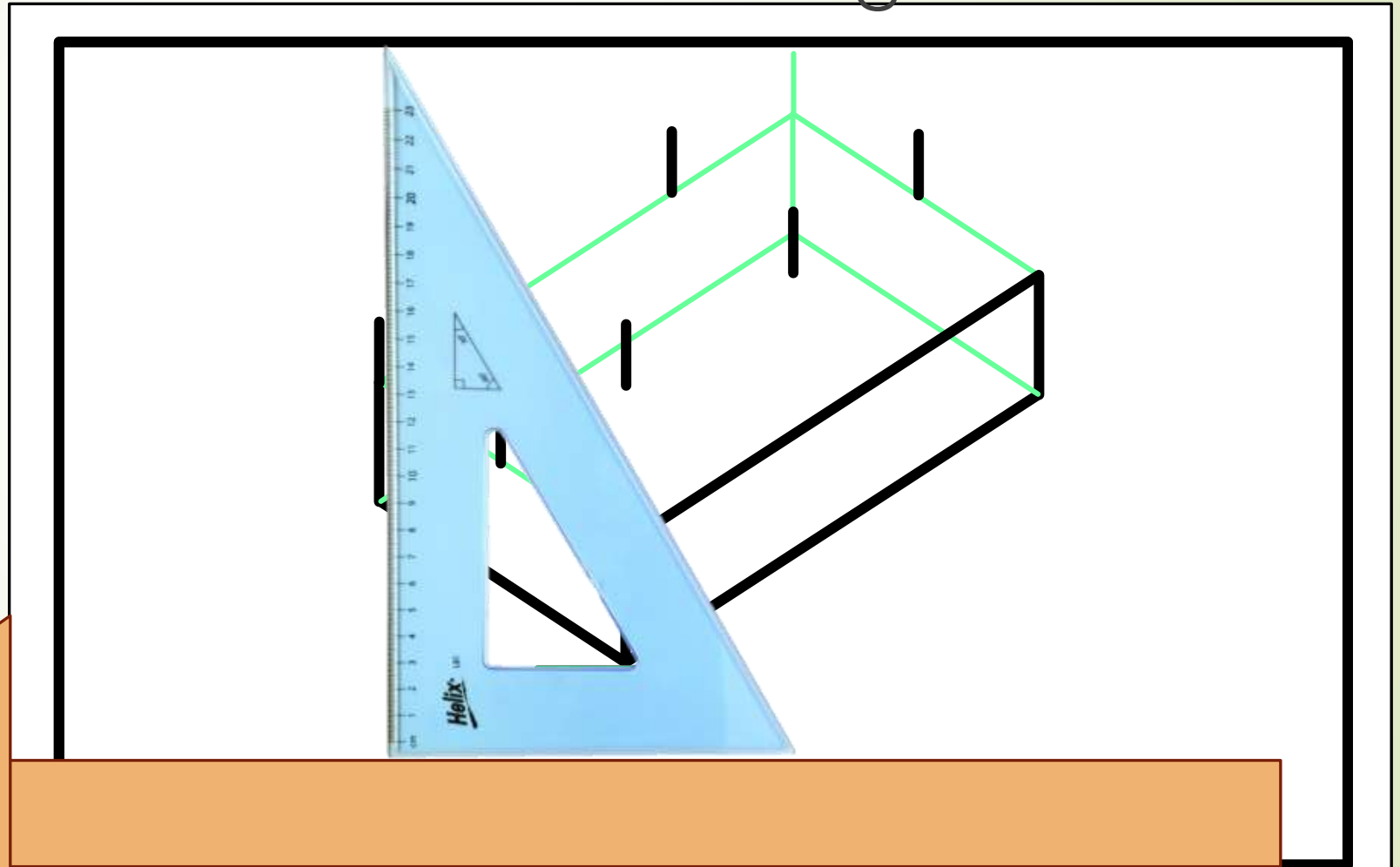
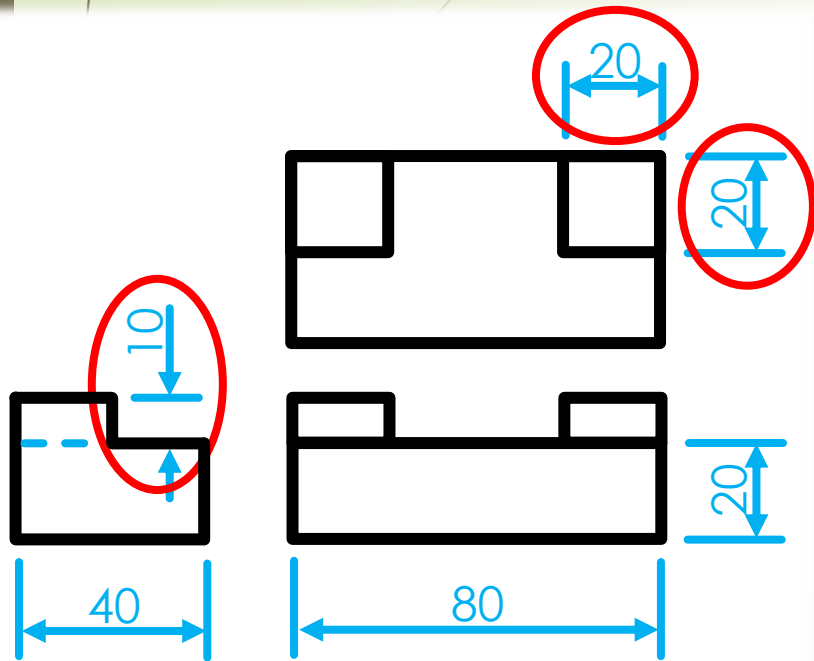
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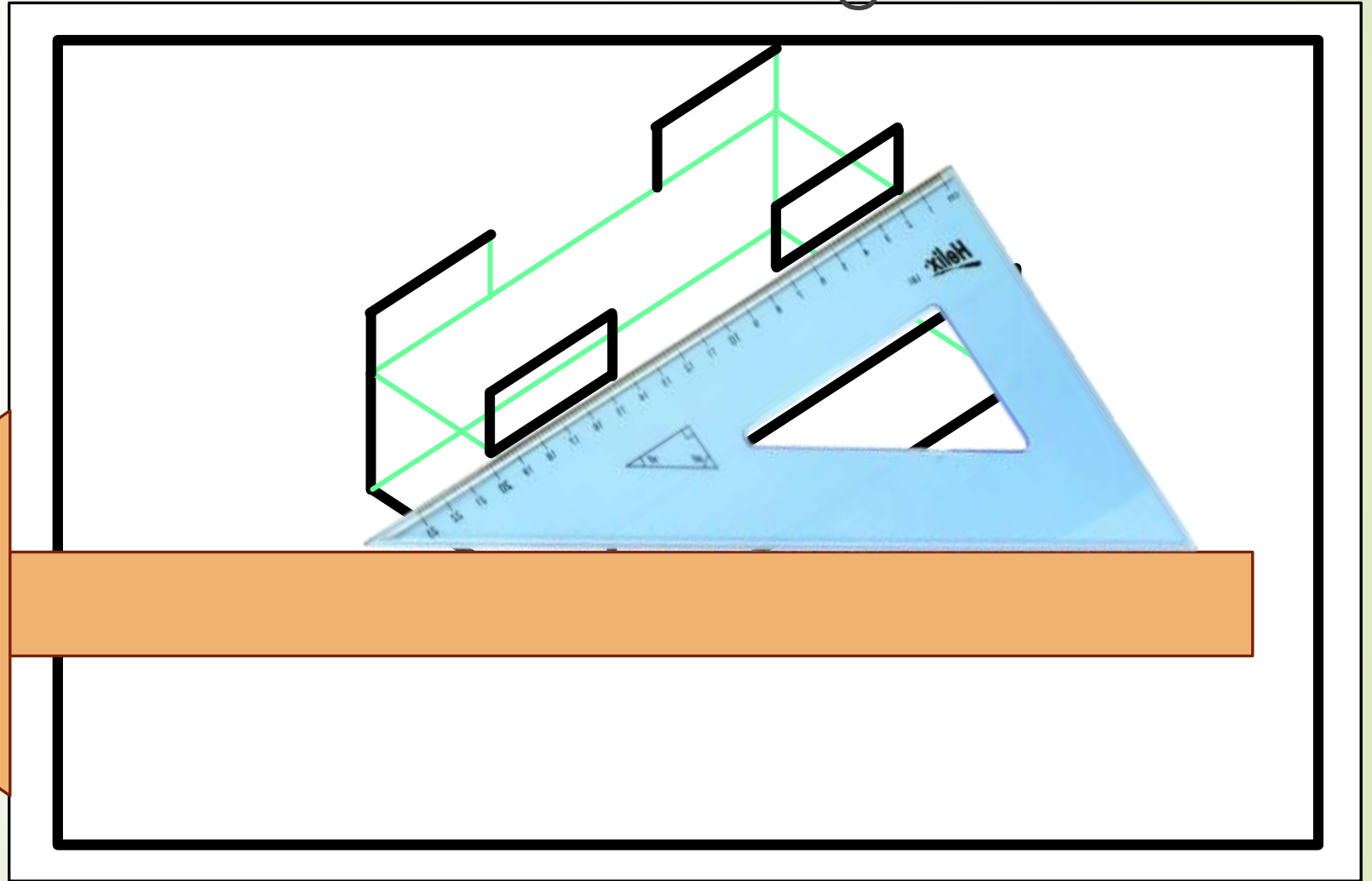
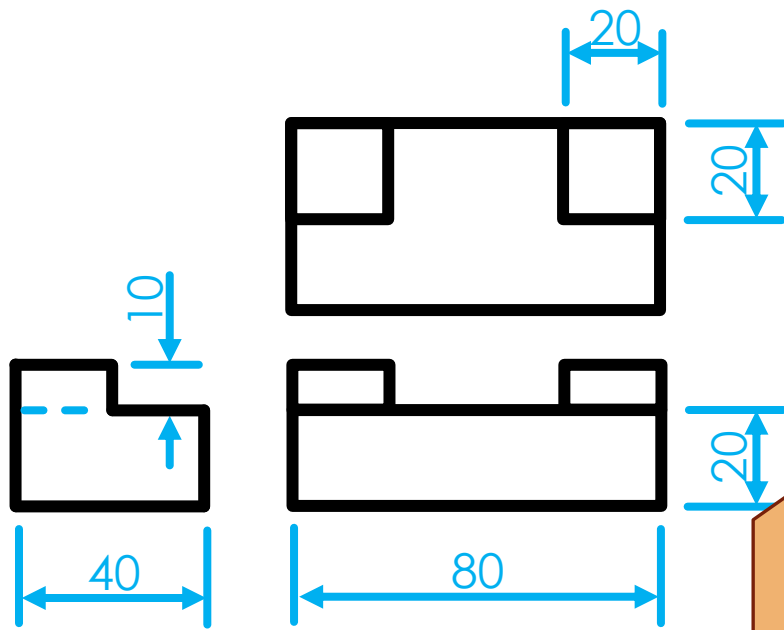
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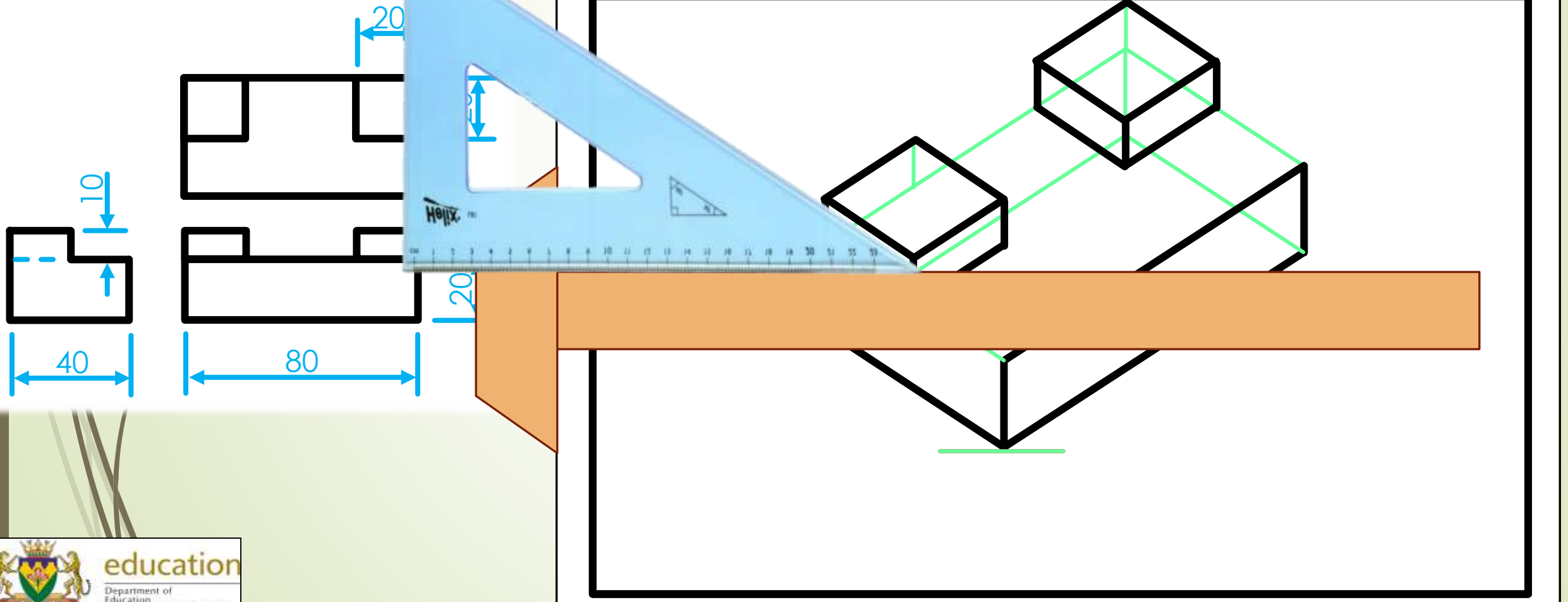
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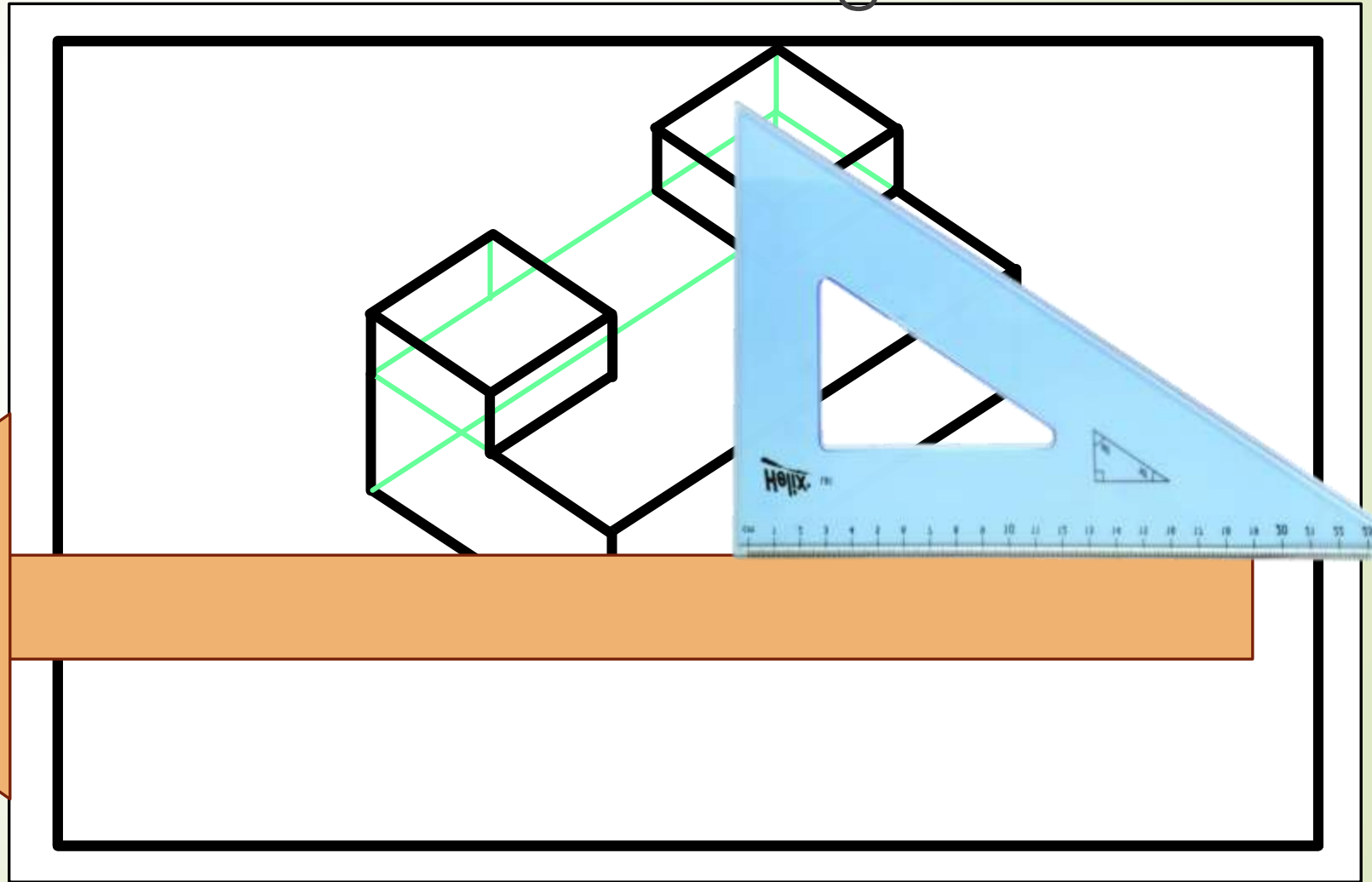
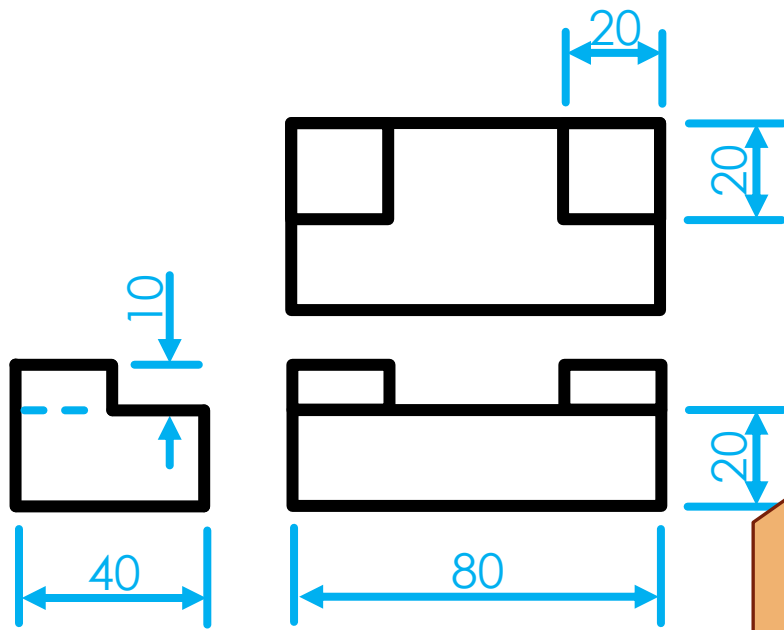
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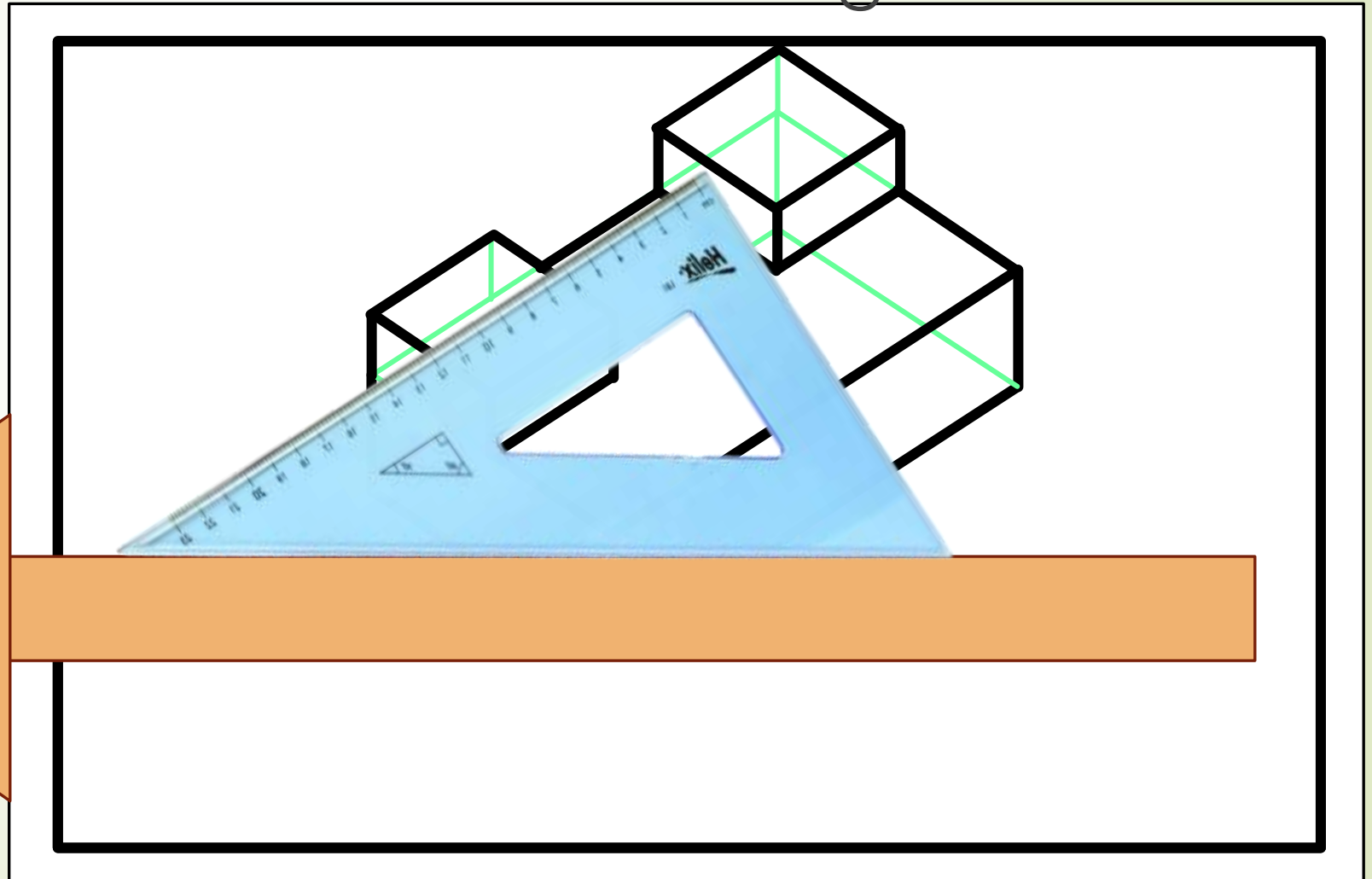
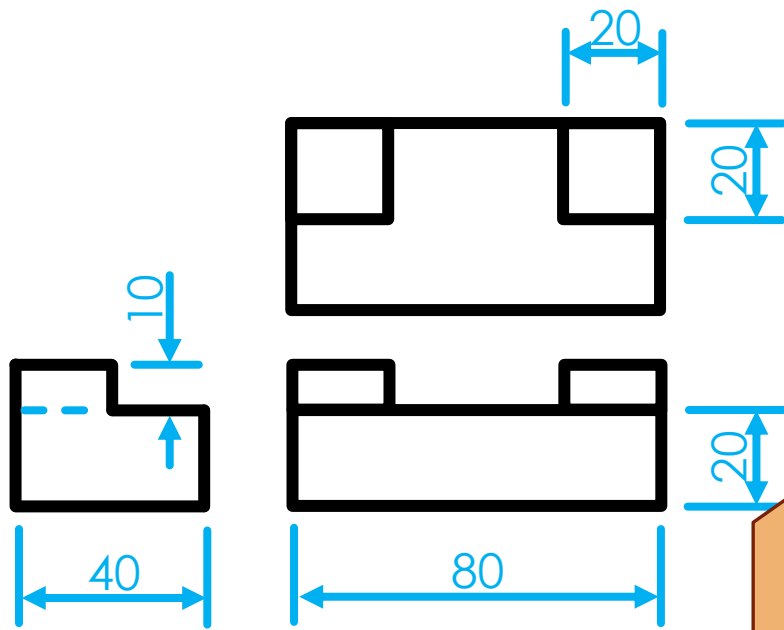
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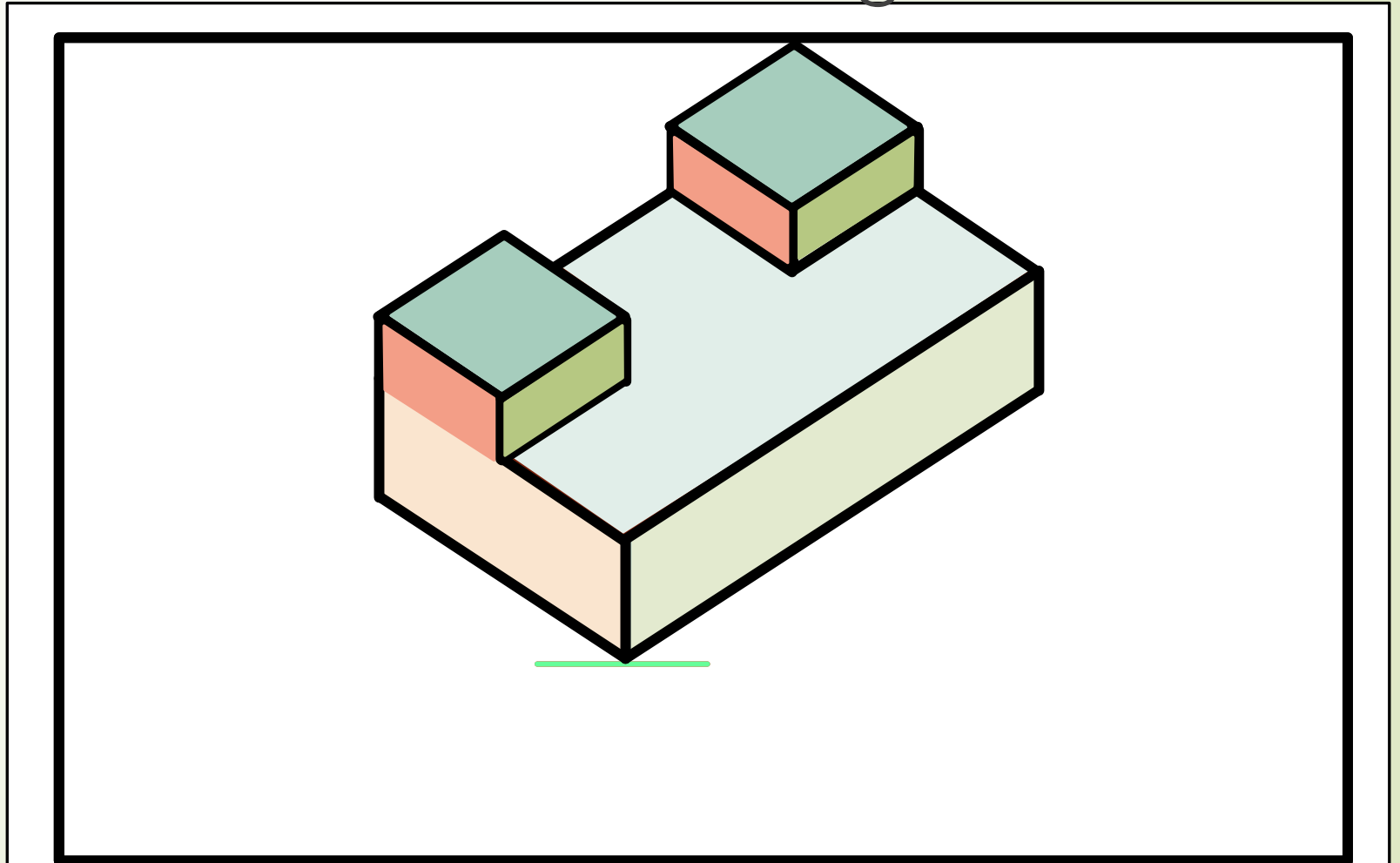
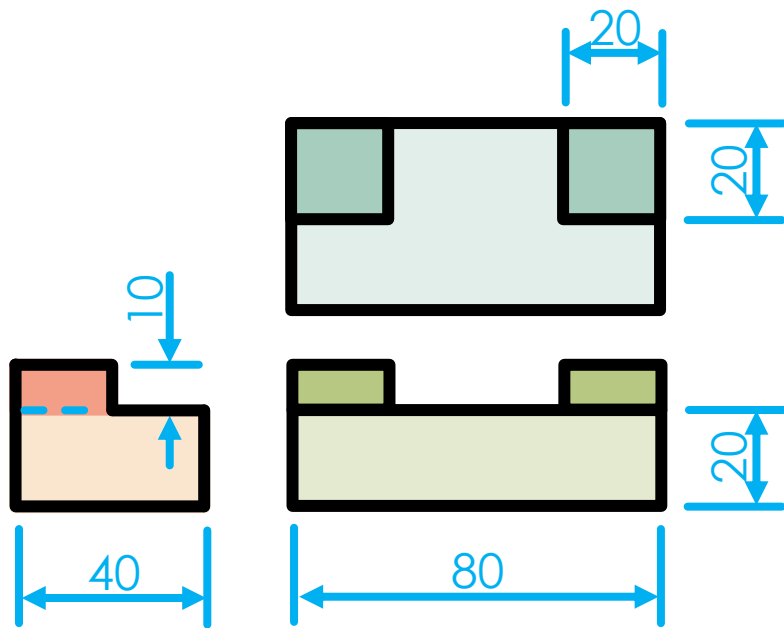
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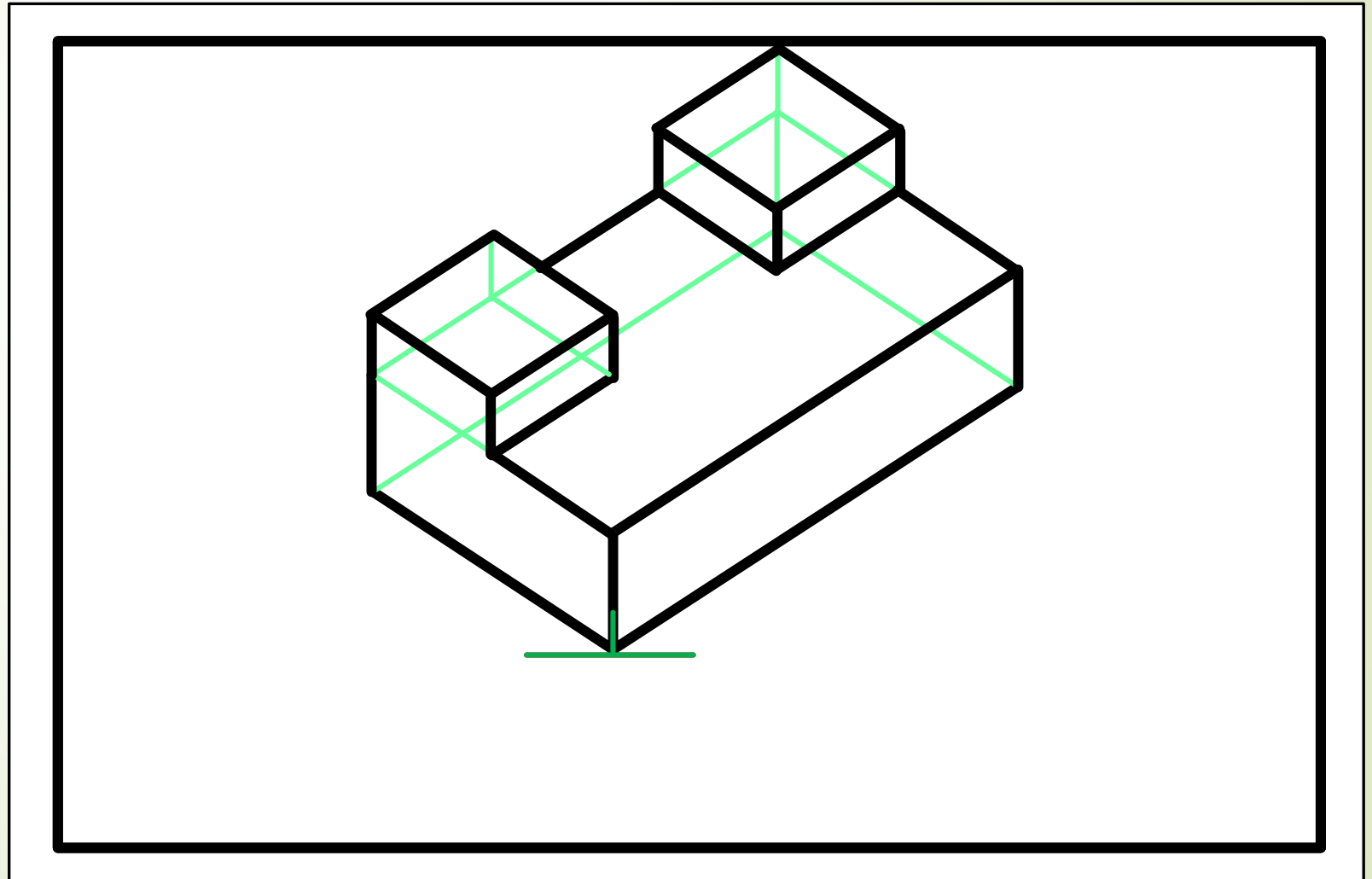
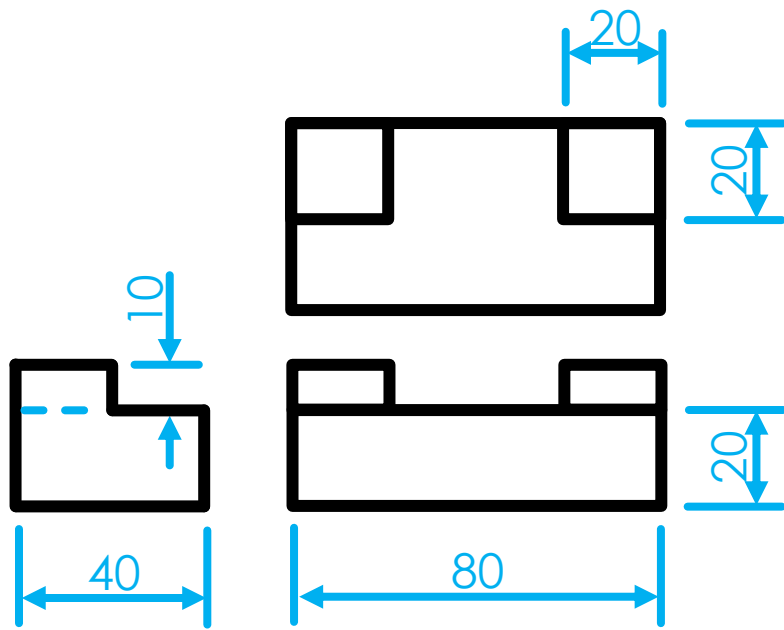
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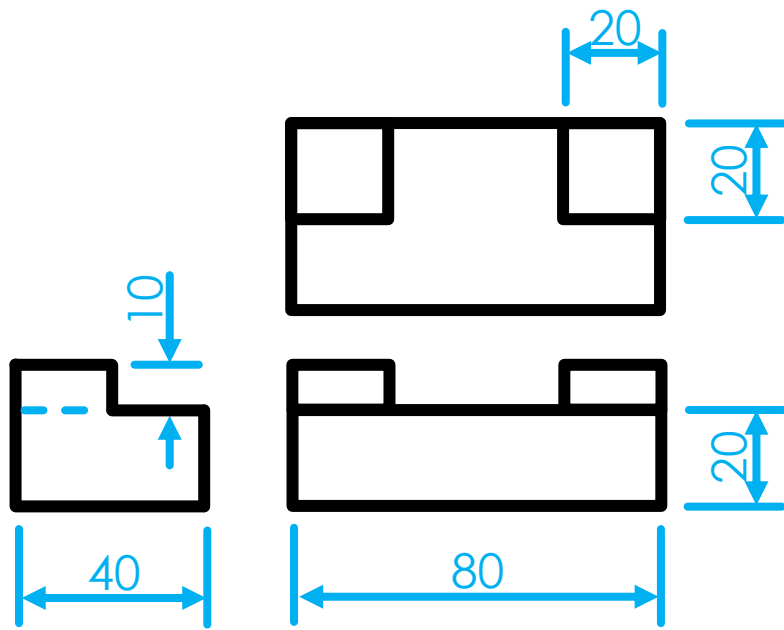
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- Start from the **bottom** and build the object to the **top**.

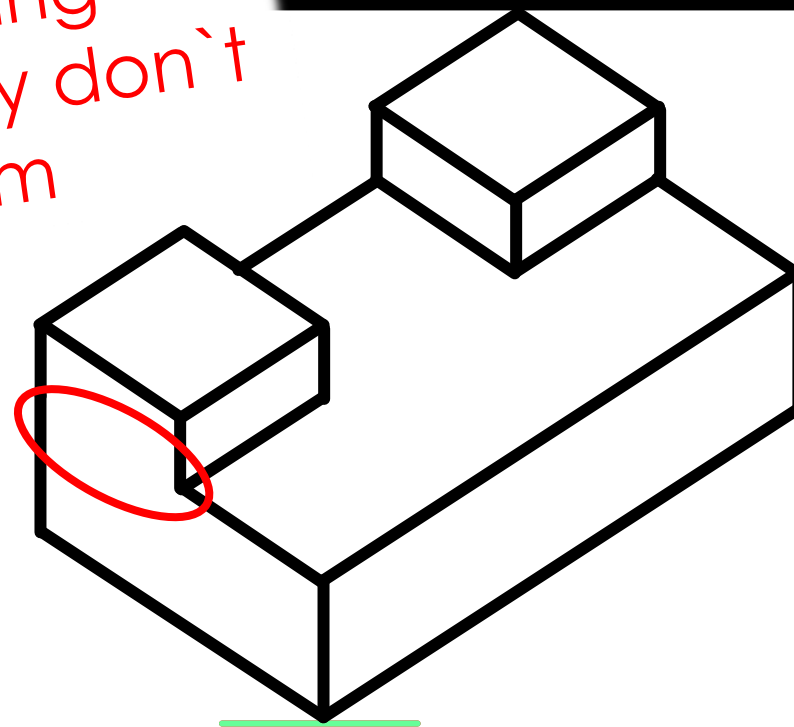


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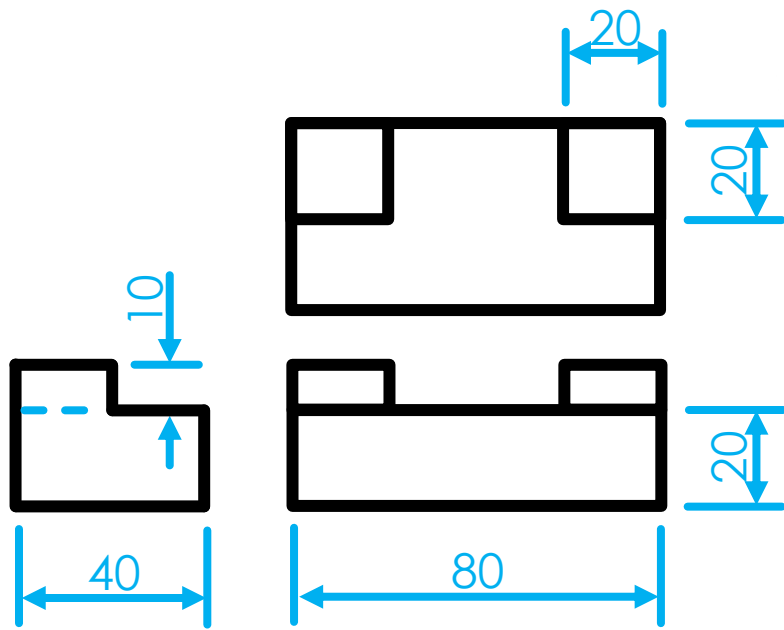


*If it is a casting  
you normally don't  
show a seam*

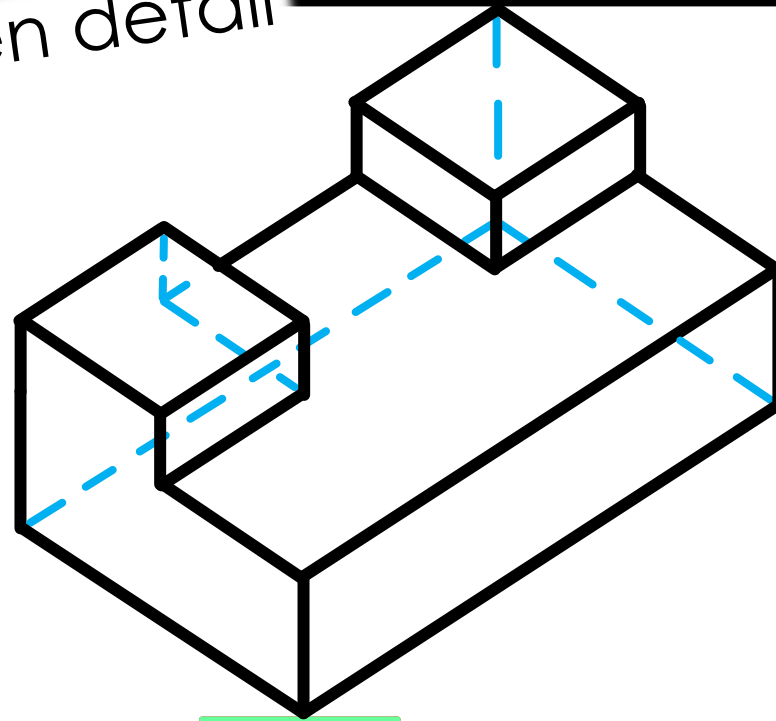


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- Show only hidden detail if required or when necessary for clarity.

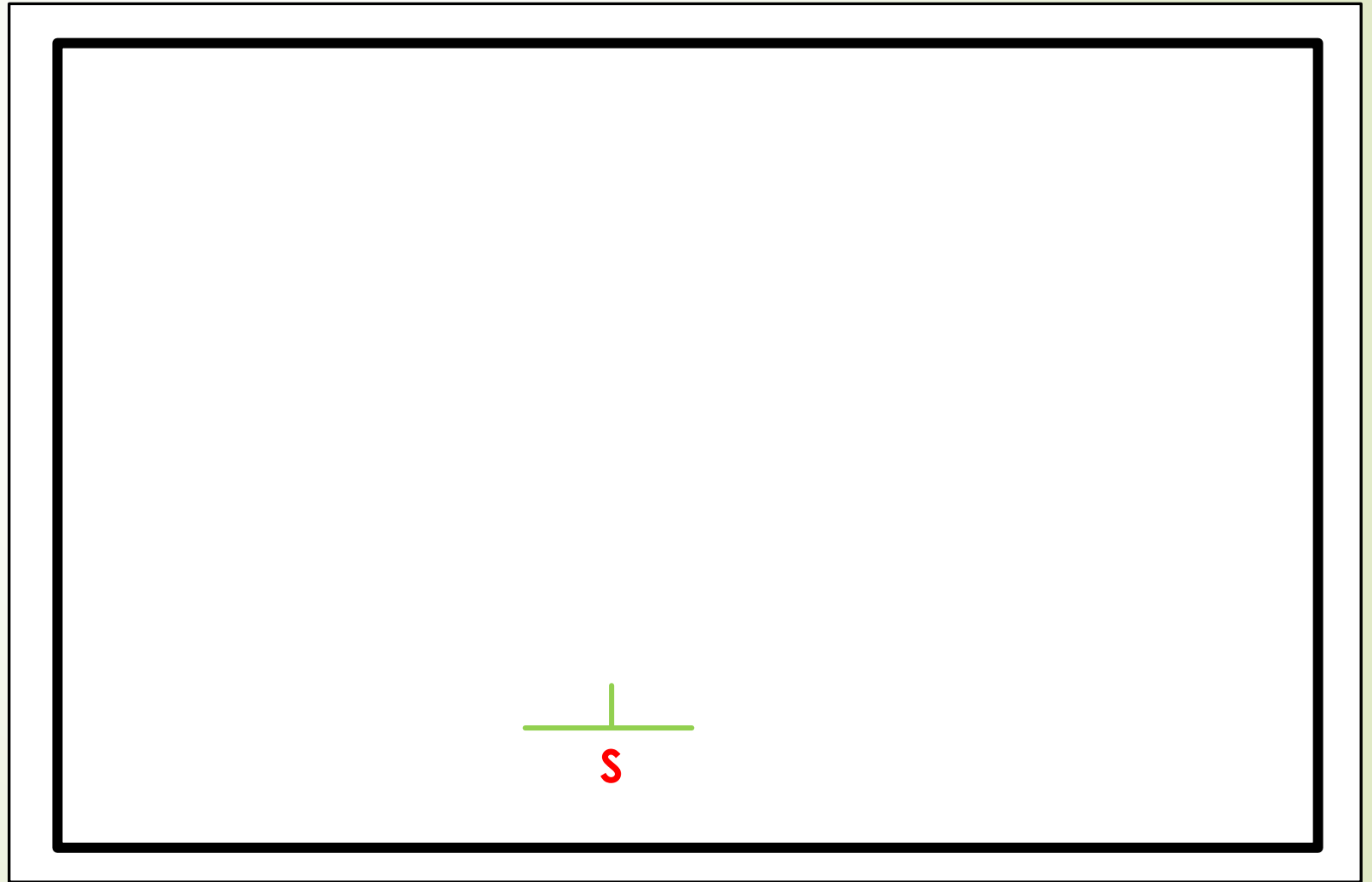
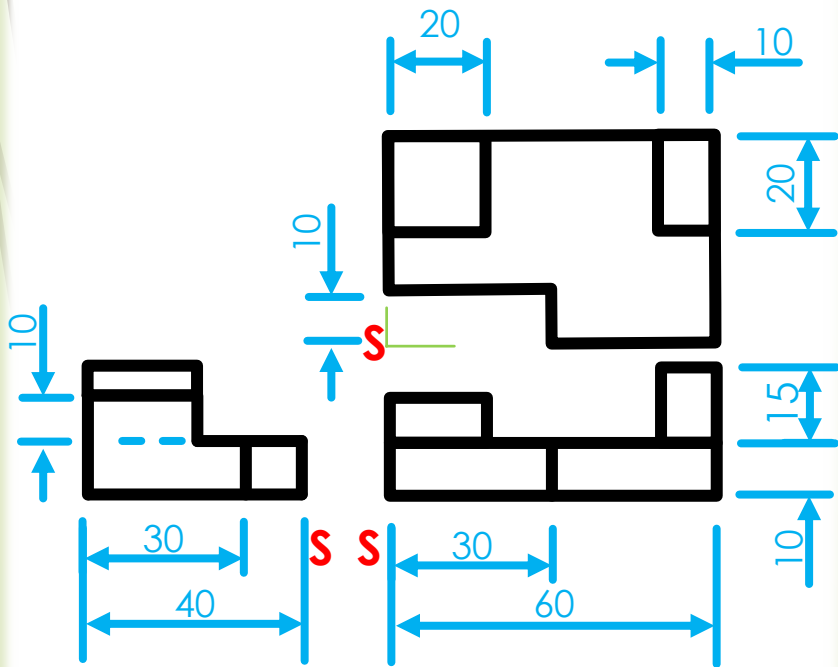


Should hidden detail be required



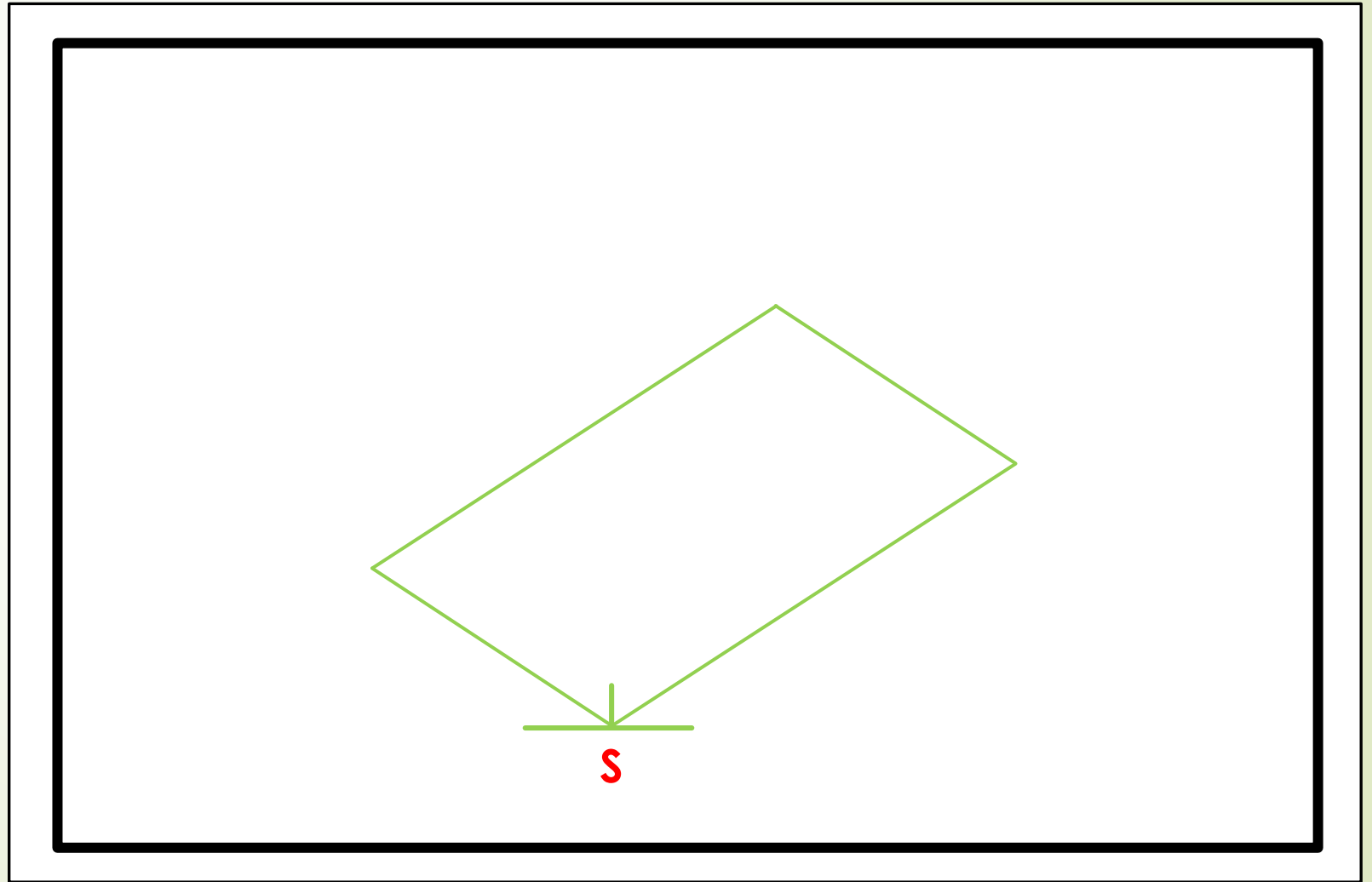
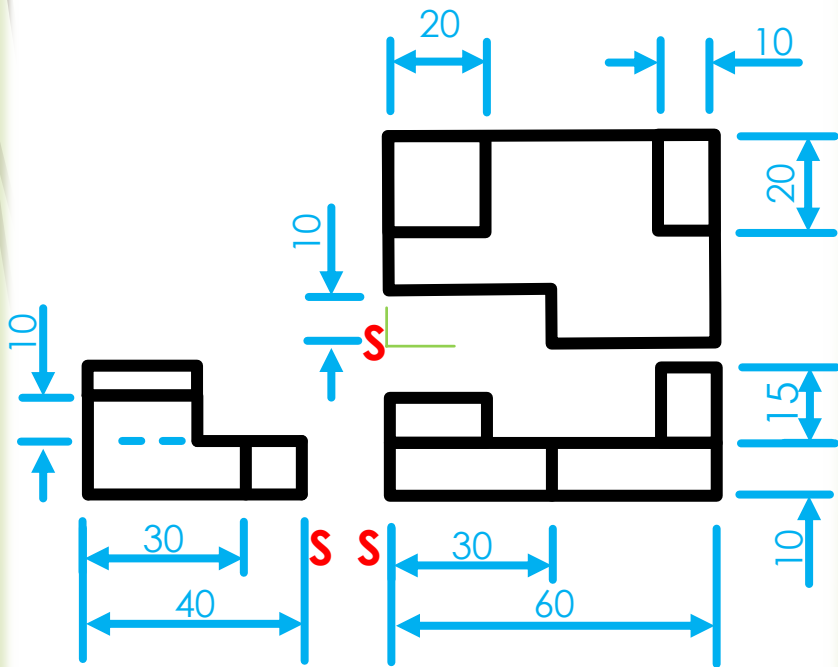
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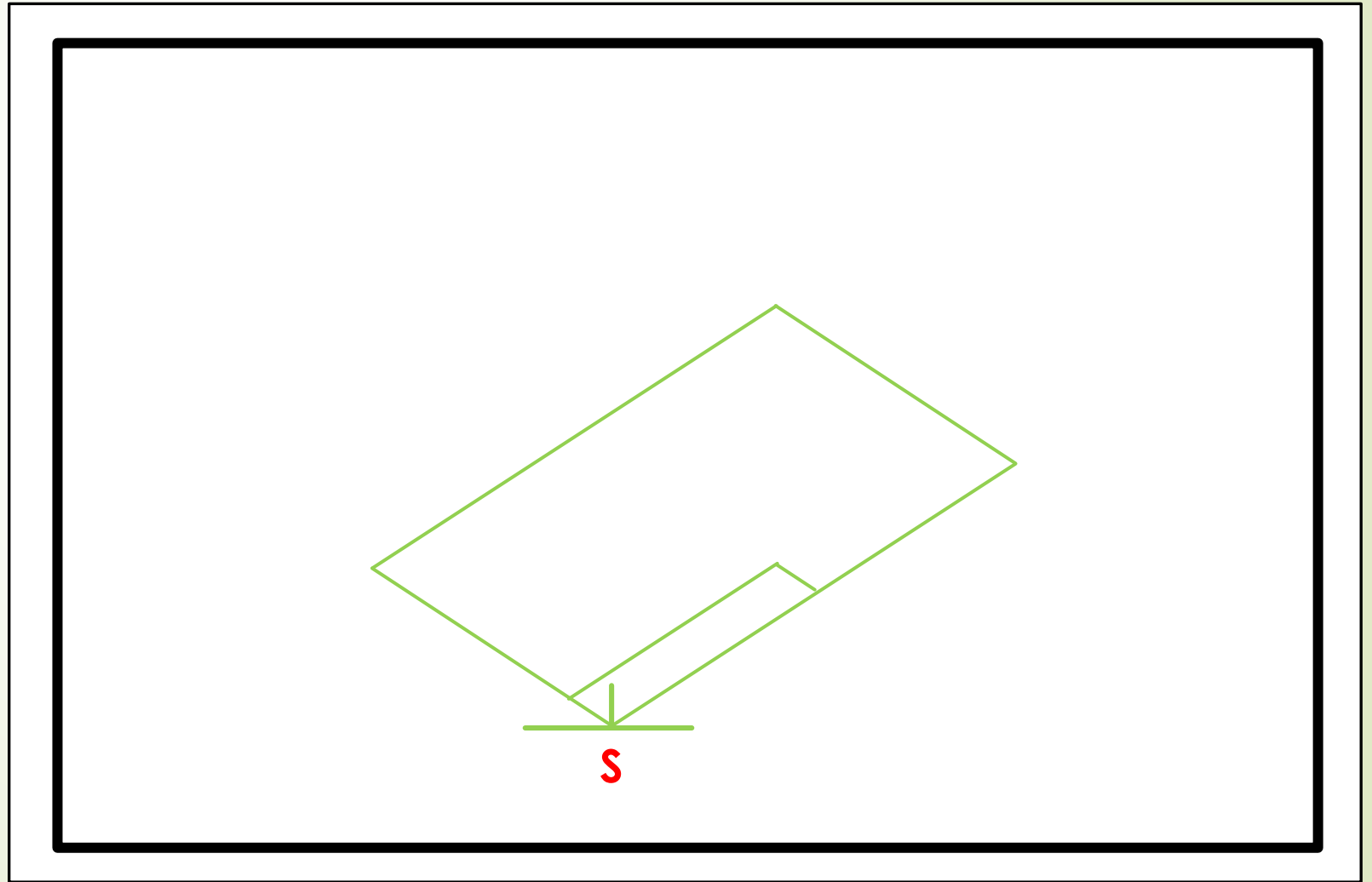
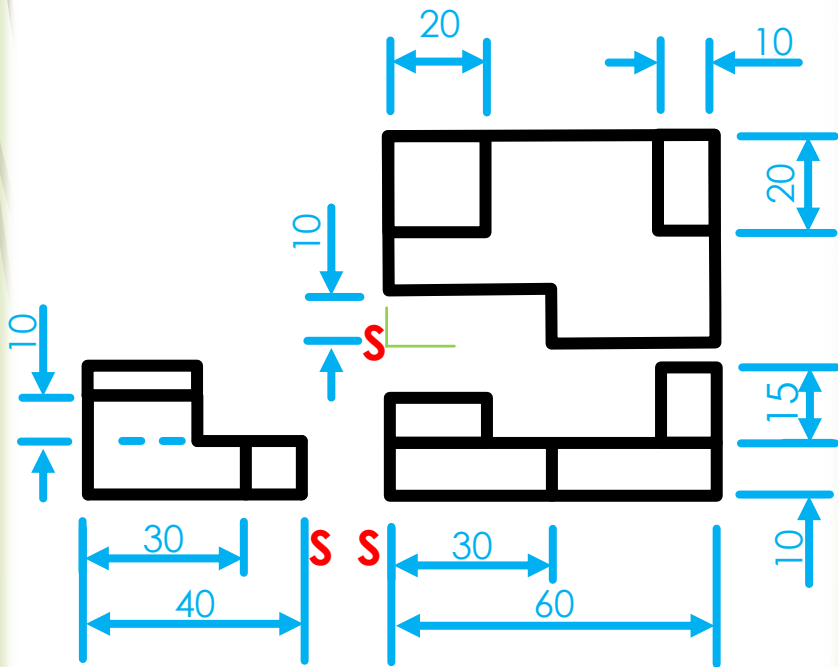
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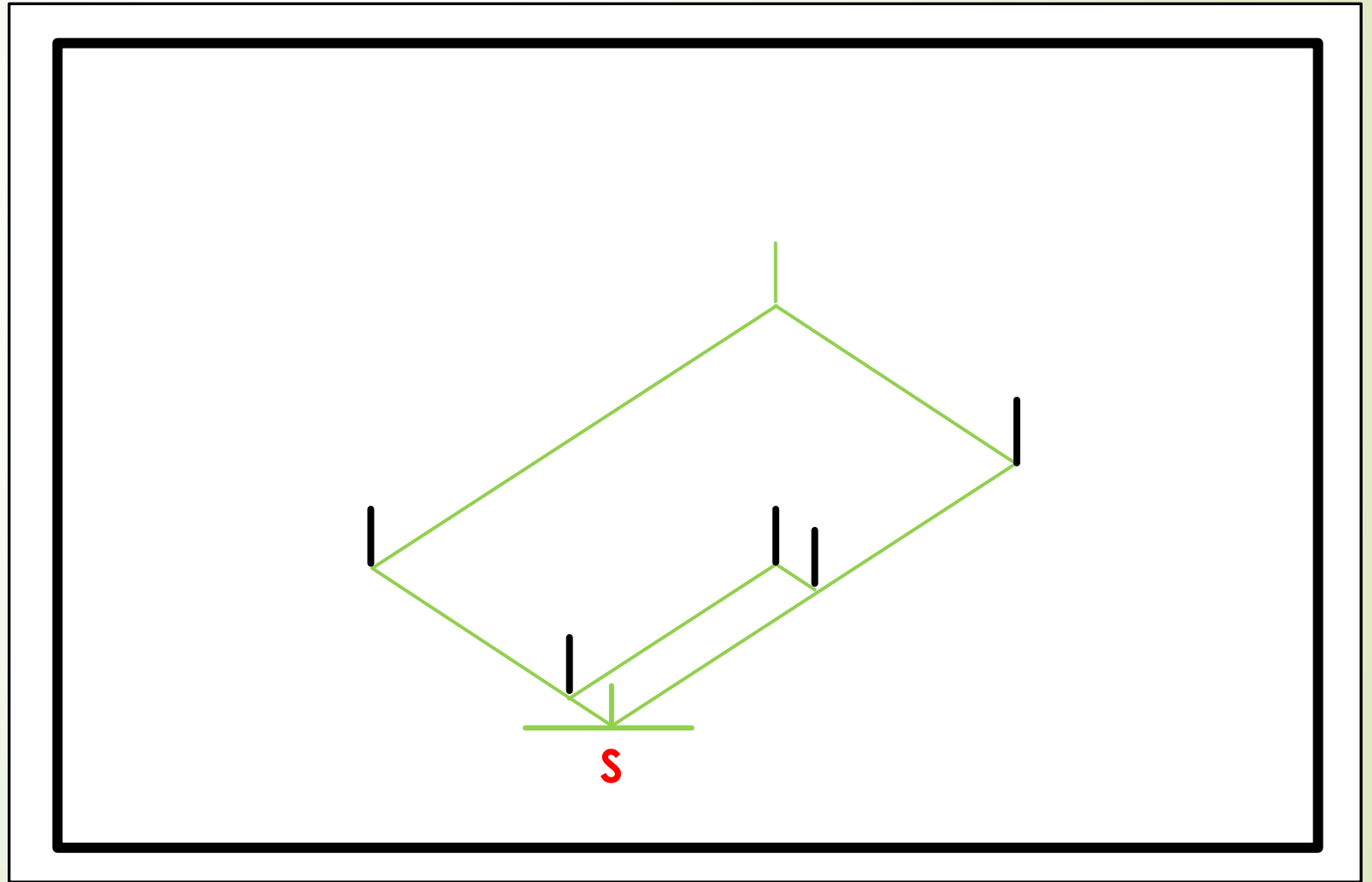
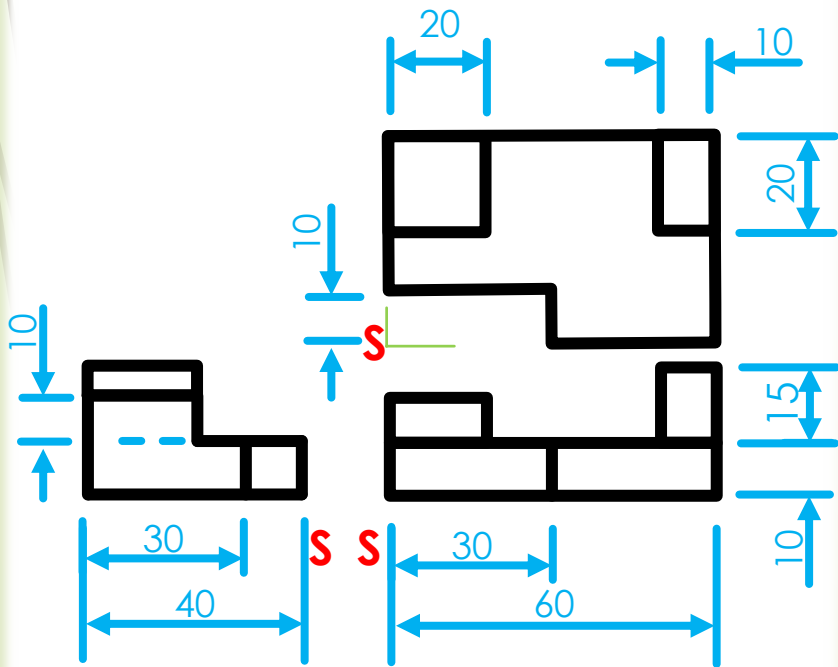
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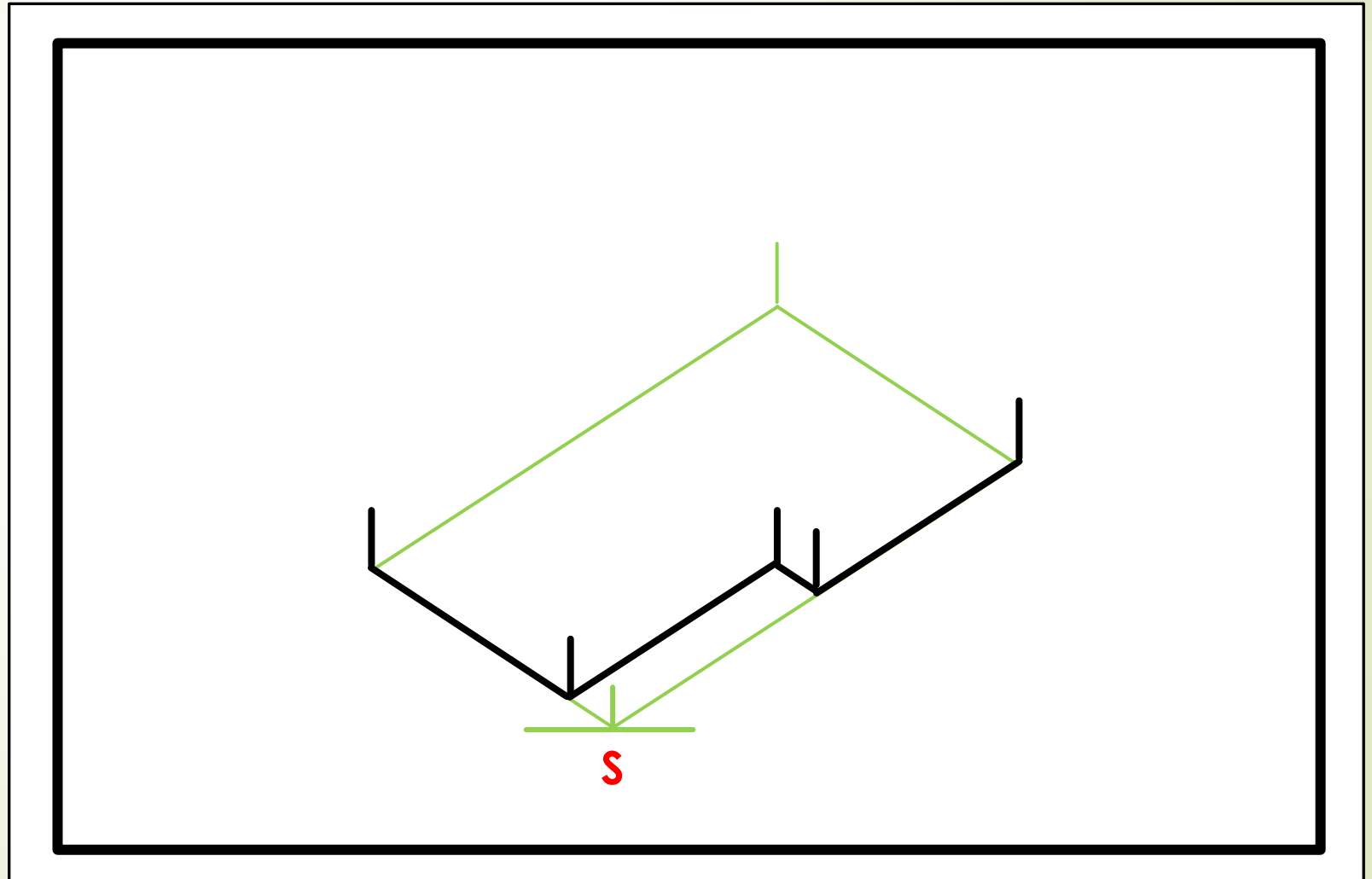
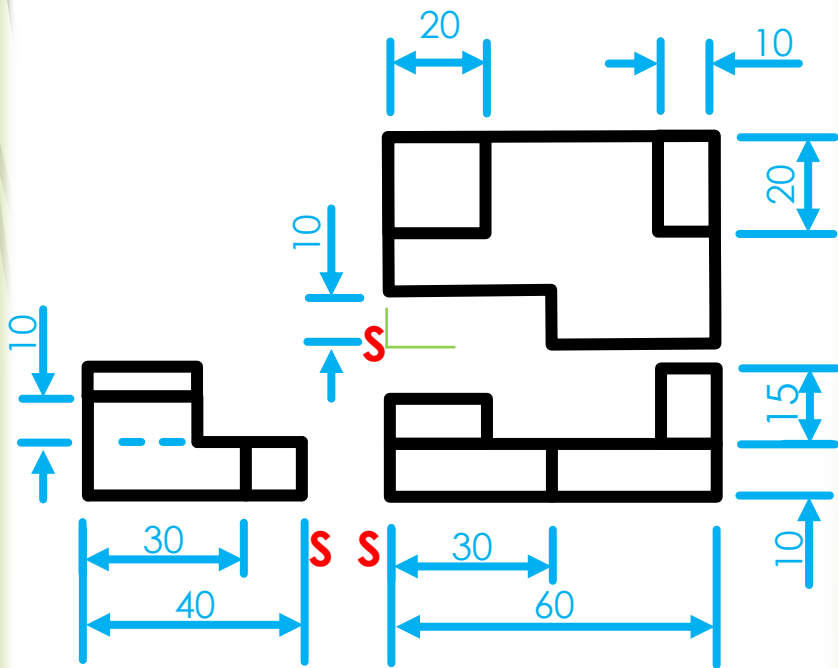
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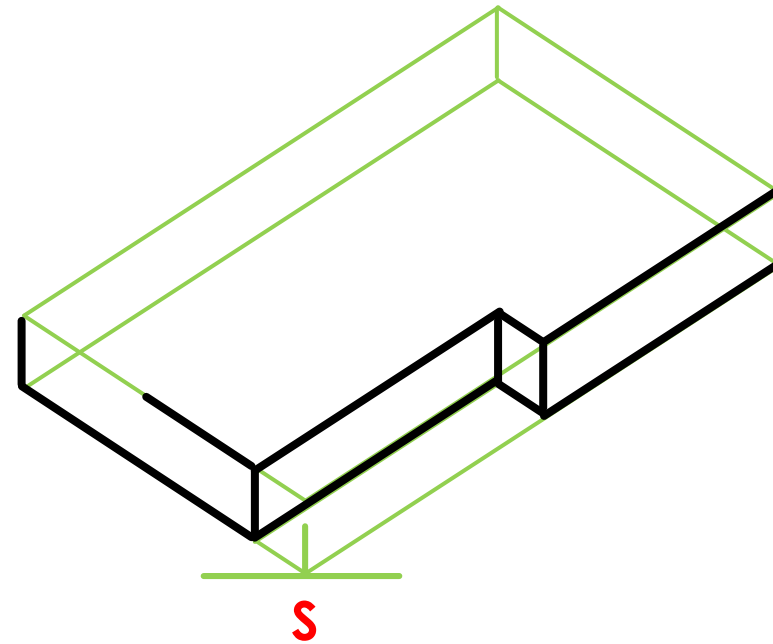
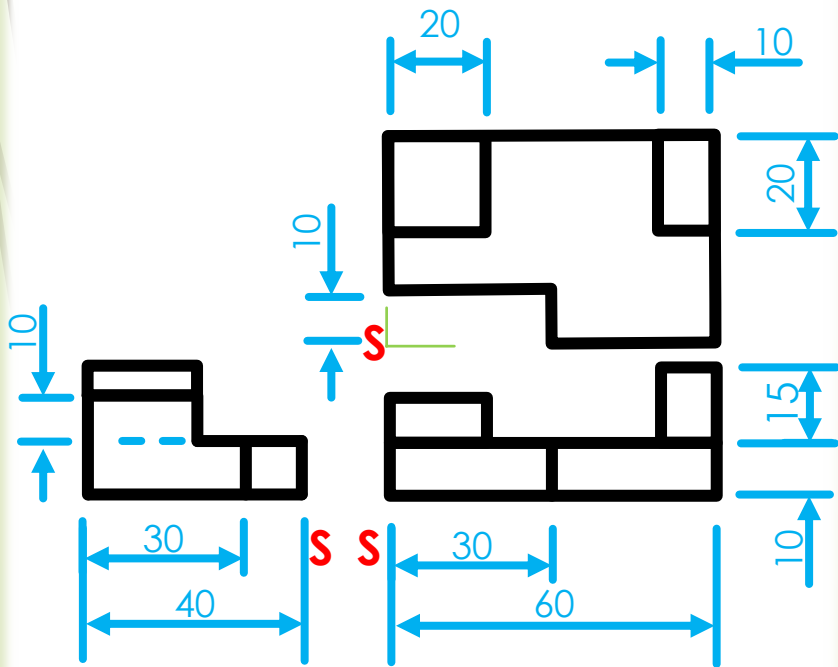
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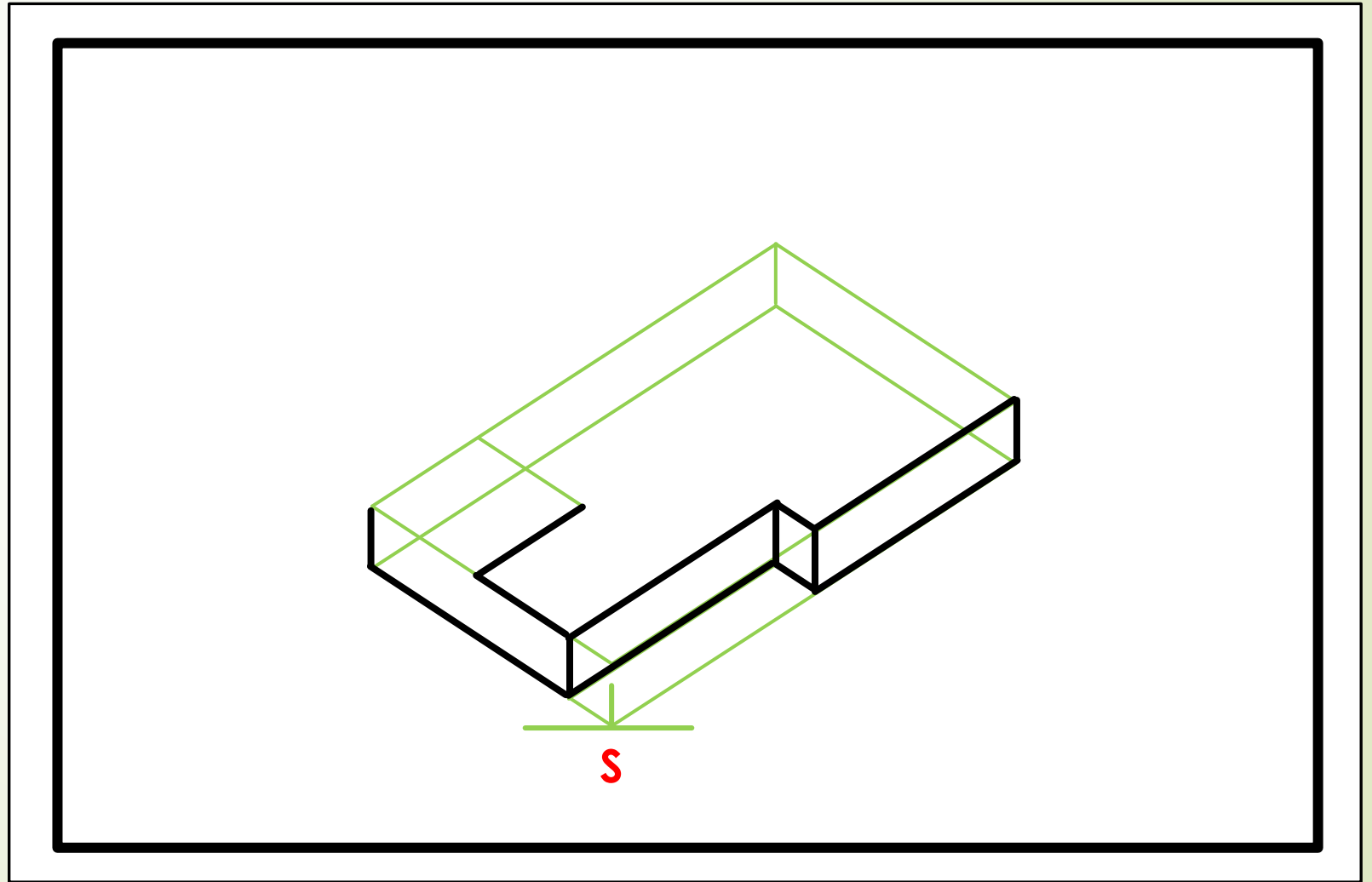
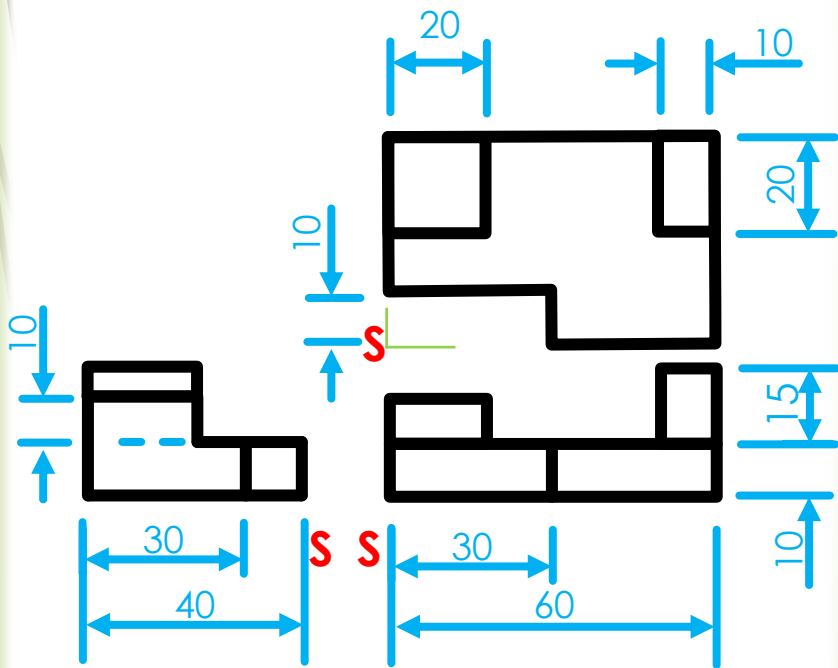
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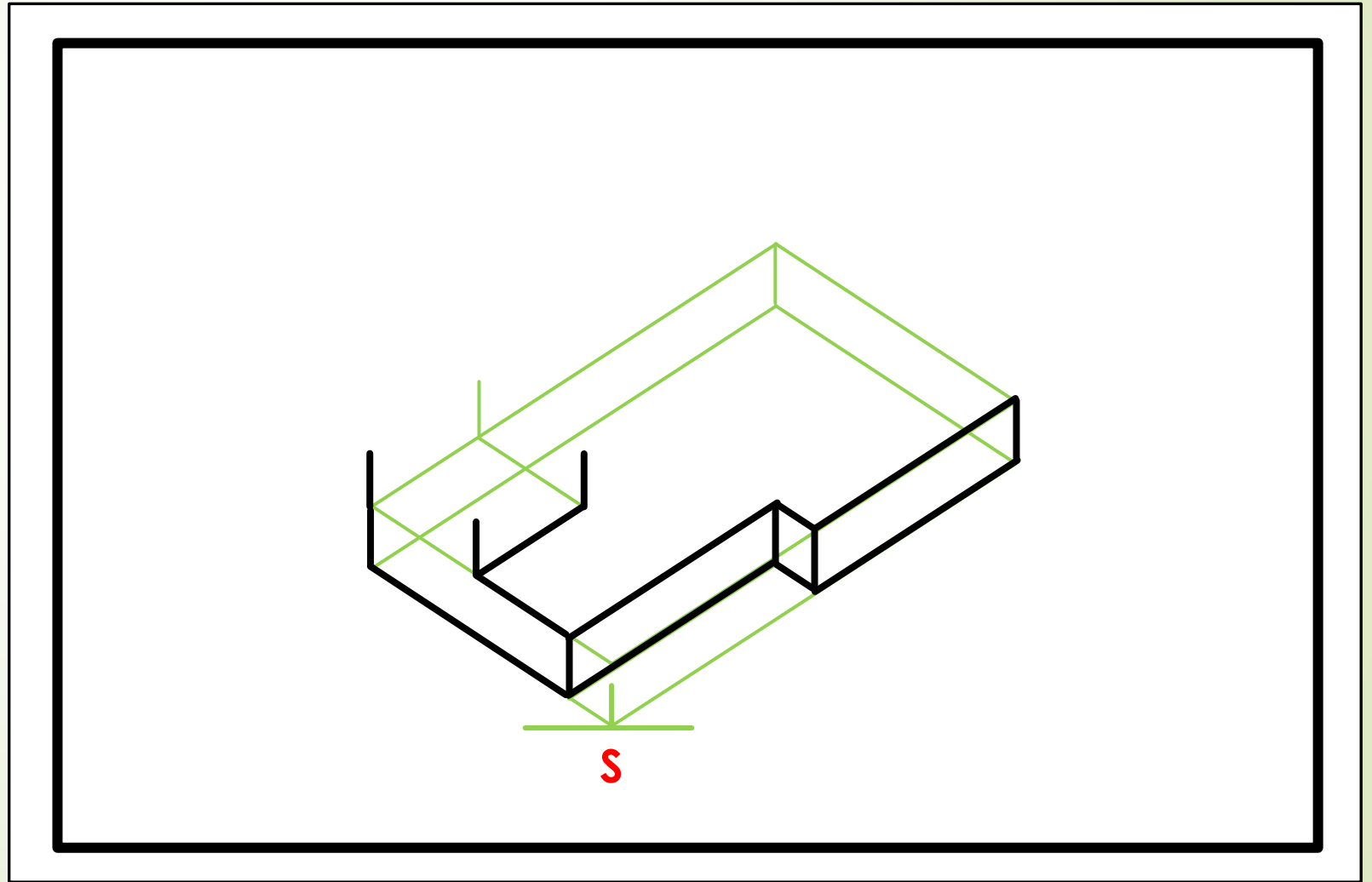
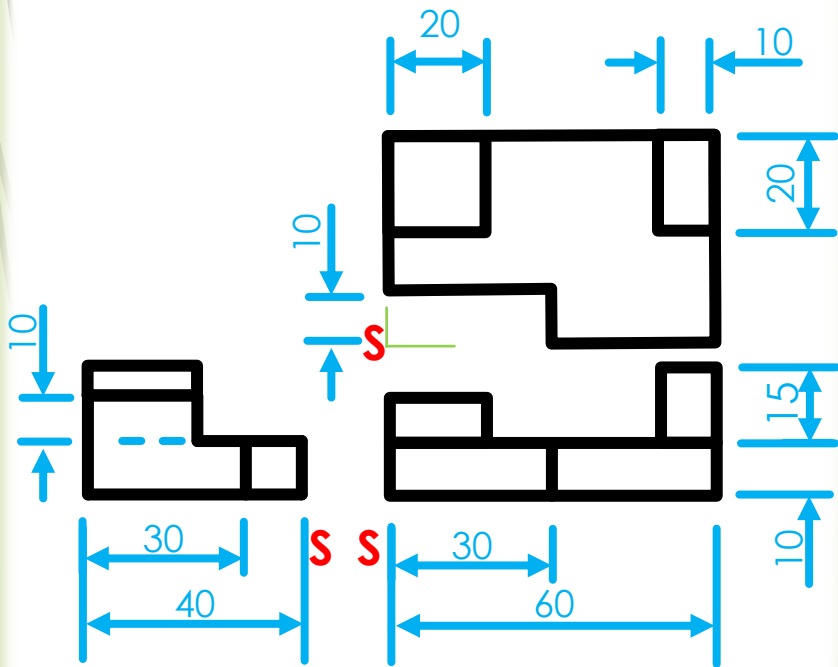
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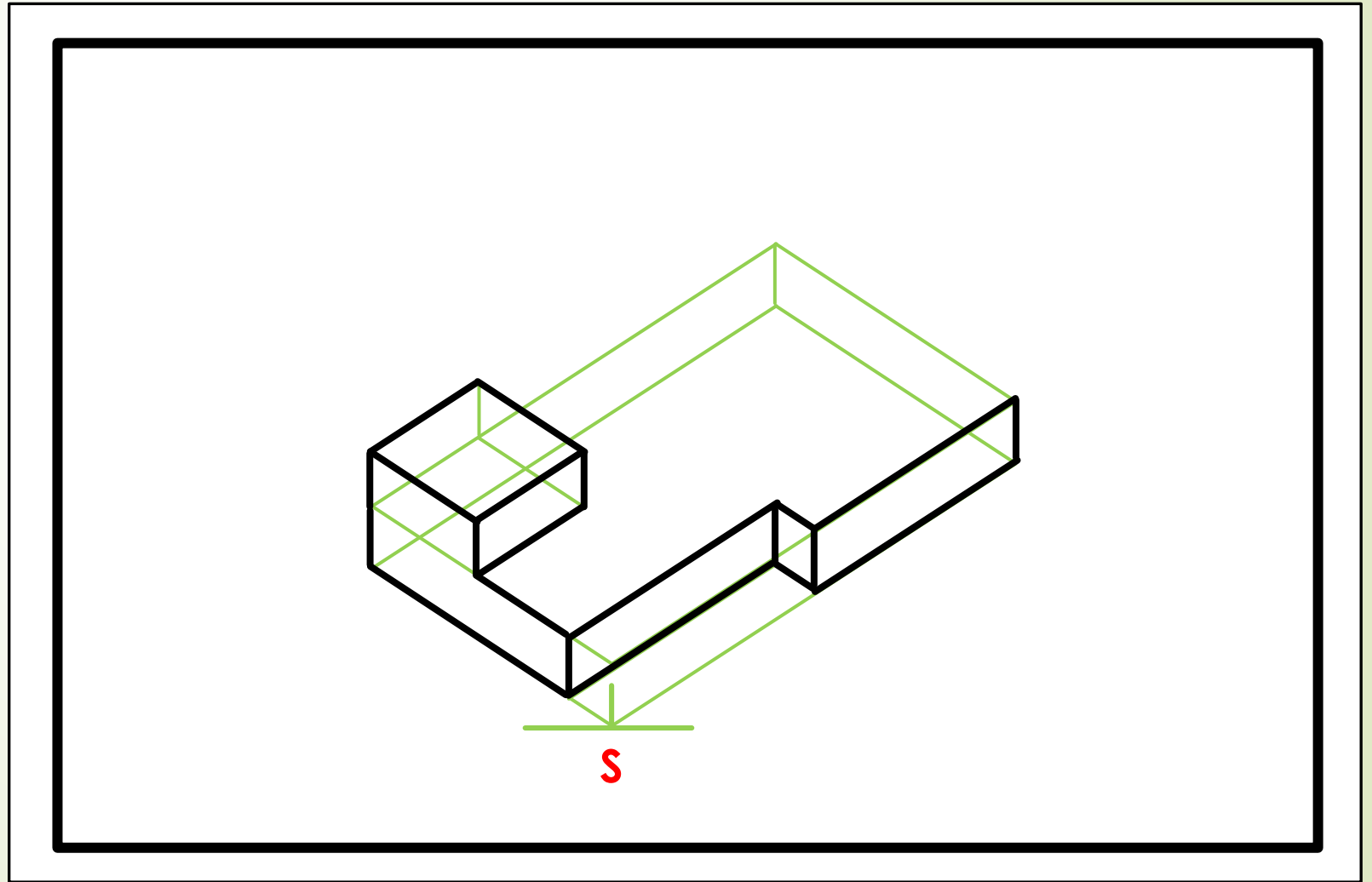
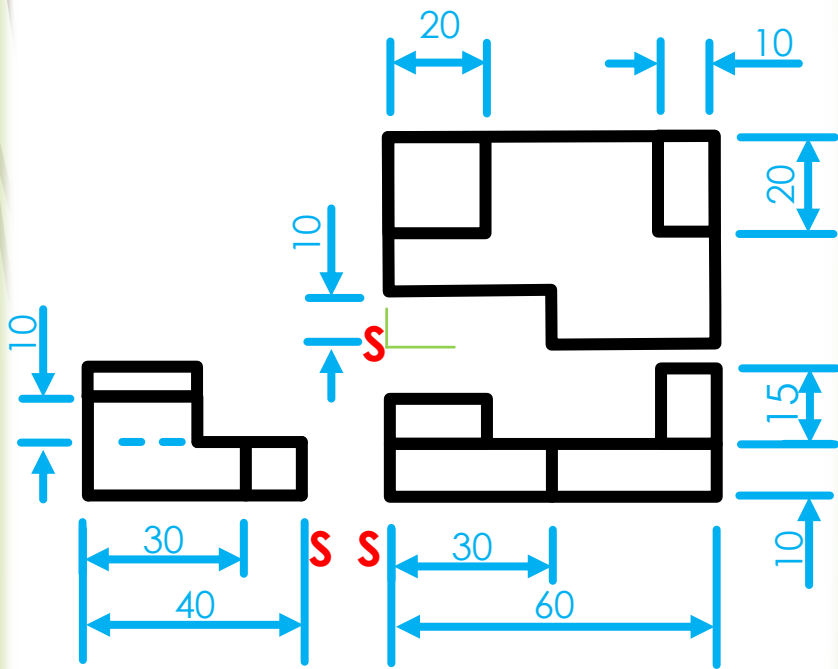
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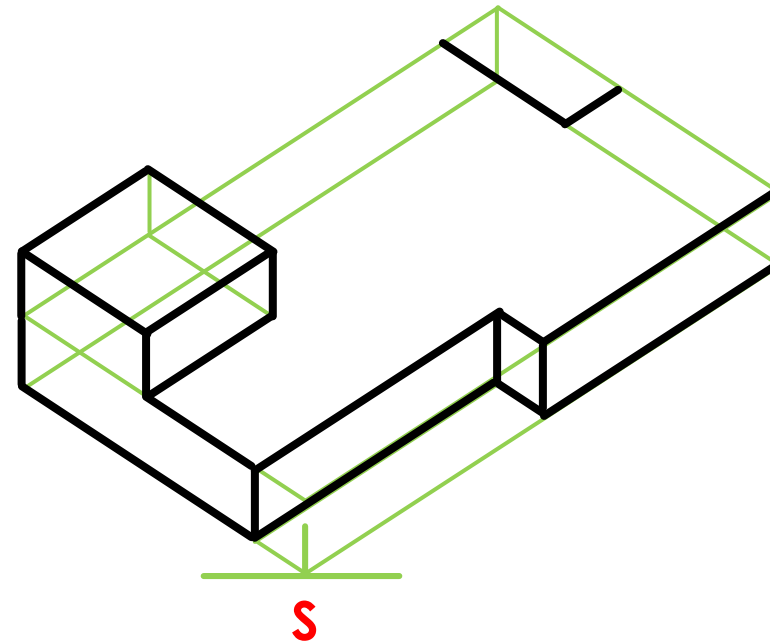
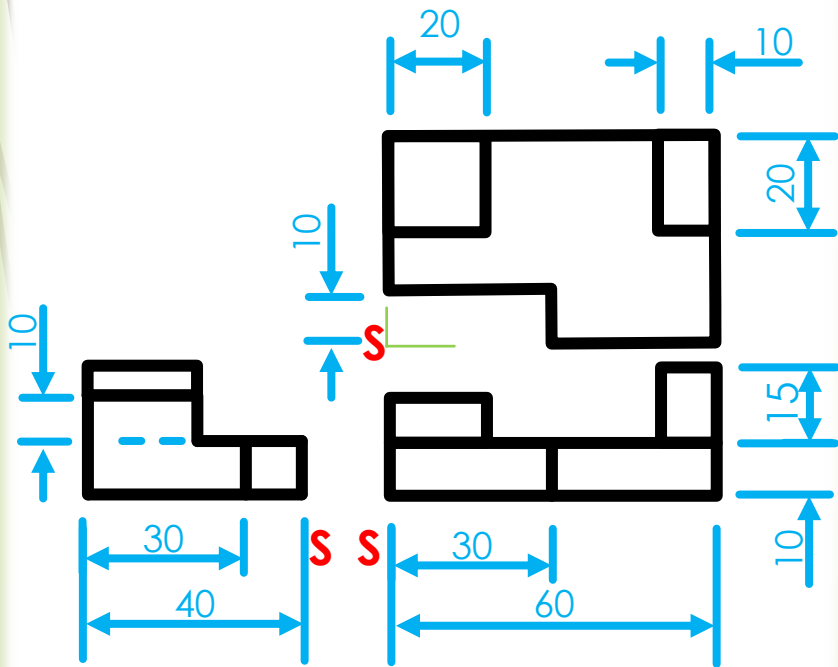
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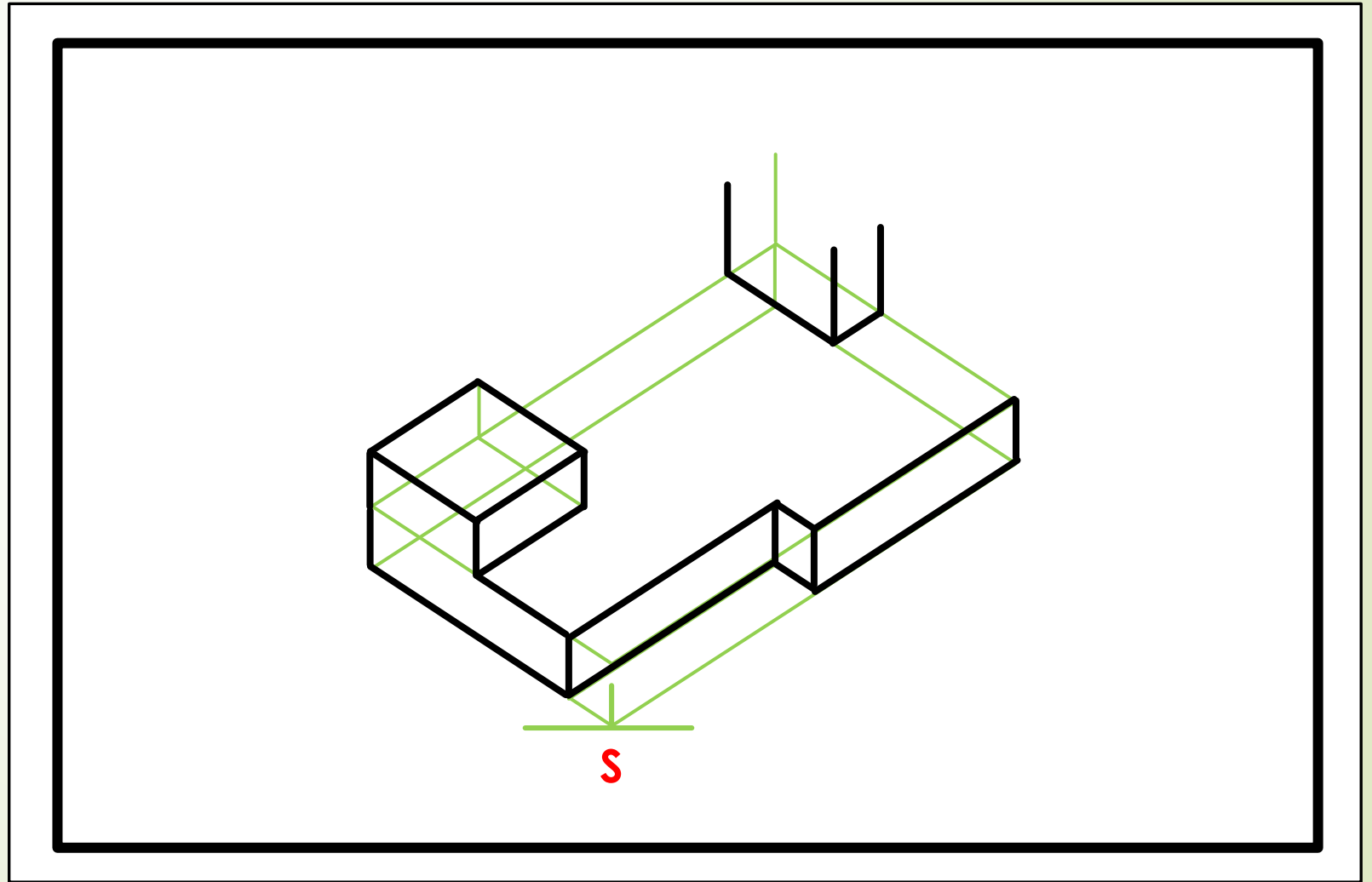
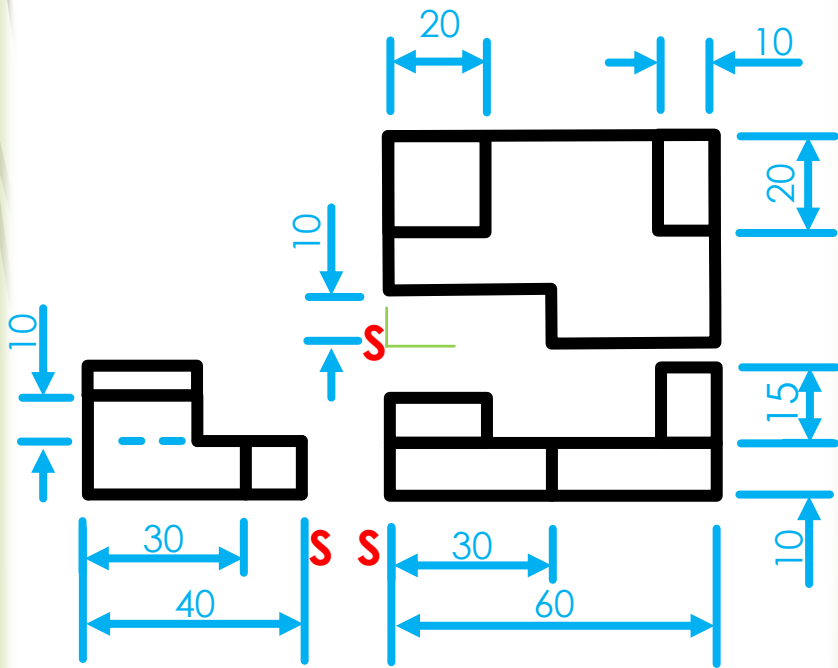
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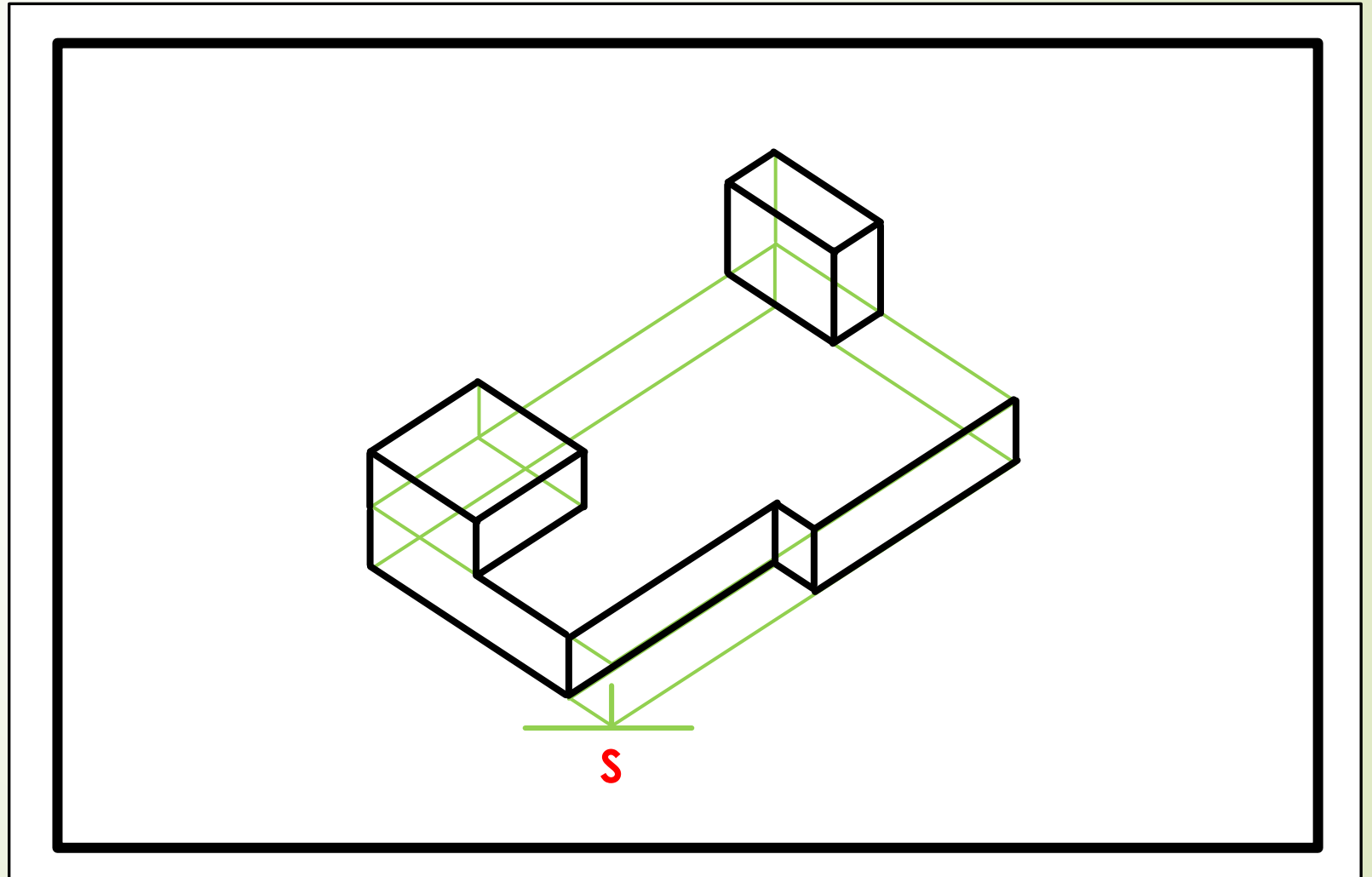
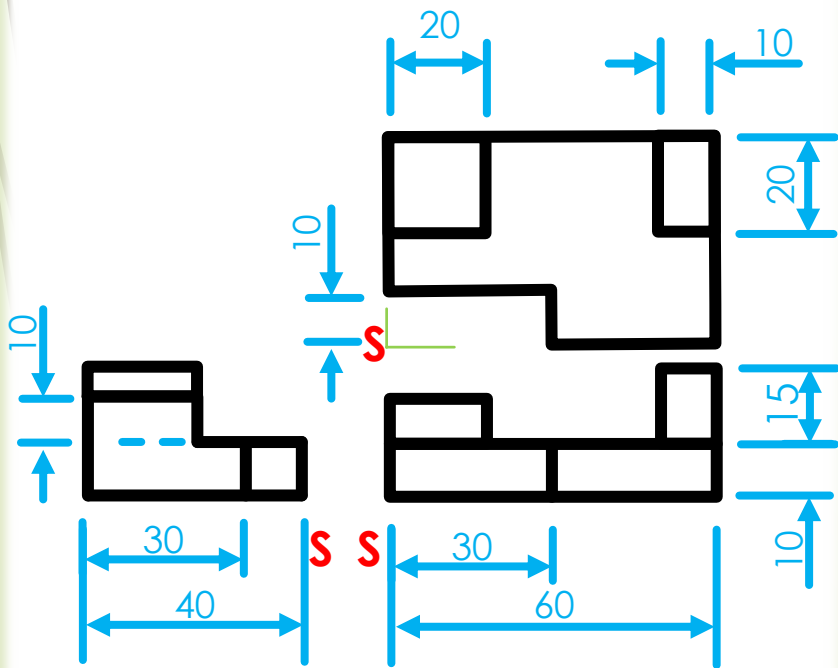
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