

Interpenetrations

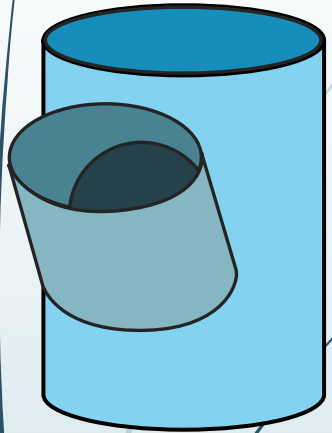
EGD Grade 11 & 12 (Revision)

Developed by: PC Viljoen

Senior Educational Specialist for
Engineering Graphics and Design

Free State Province

Interpenetrations



Question 2: Interpenetration

Given:

- * The incomplete front view and top view of a cylinder at 45° that has to fit around another cylinder. The axes of both cylinders lie in a common vertical plane.
- * Auxiliary view of the branch cylinder.

Instructions:

Draw, to scale 1:1, the following:

1. The given top view.
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 3. The complete left view.
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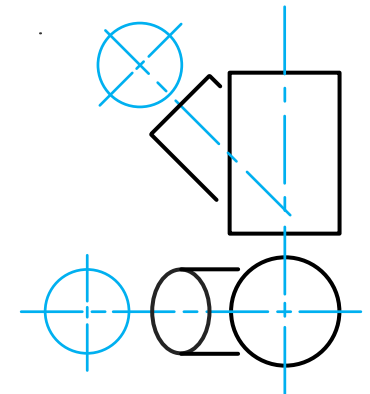
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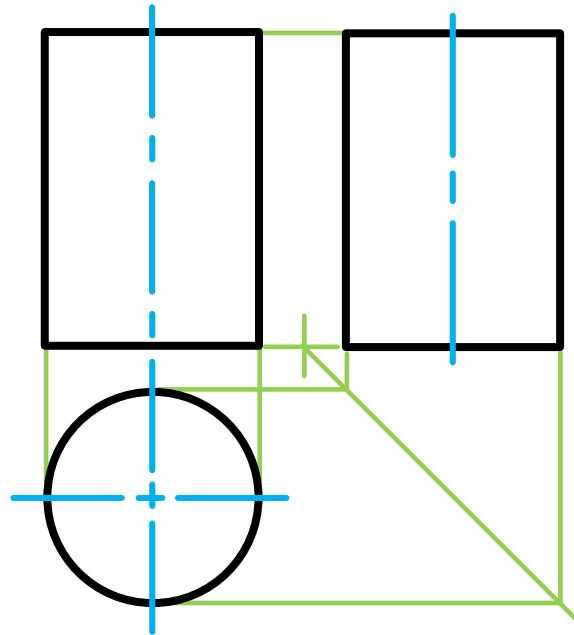
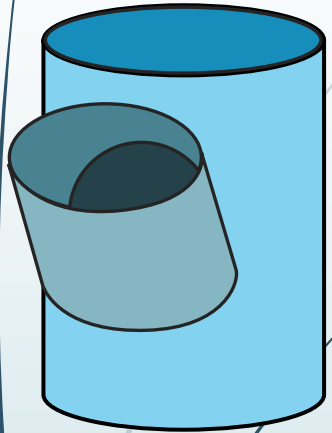
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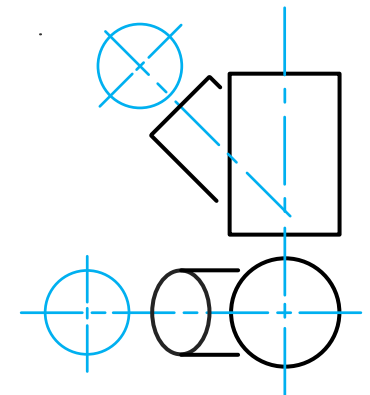
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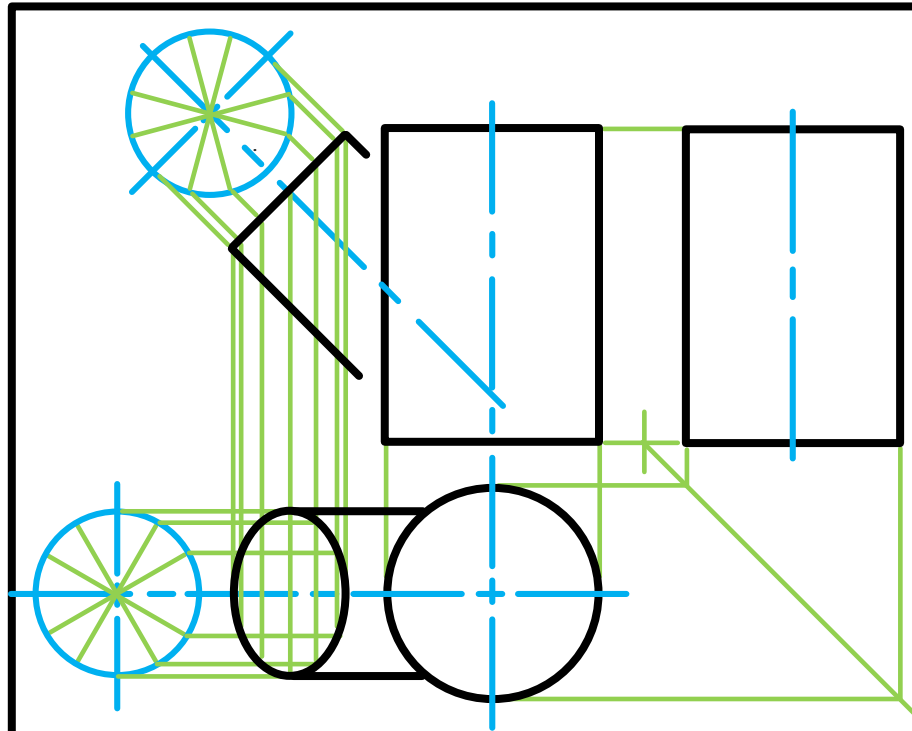
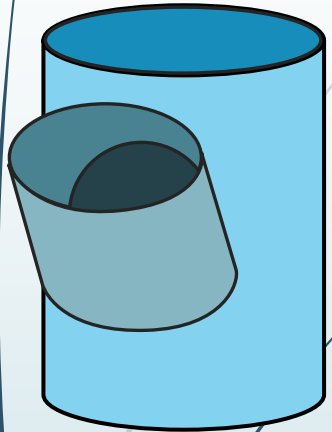
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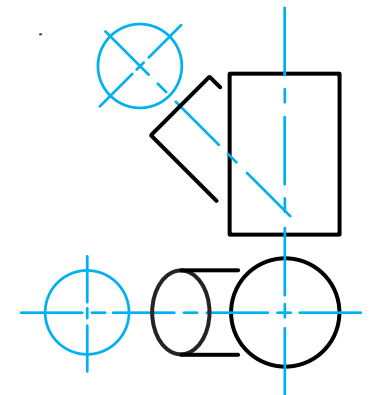
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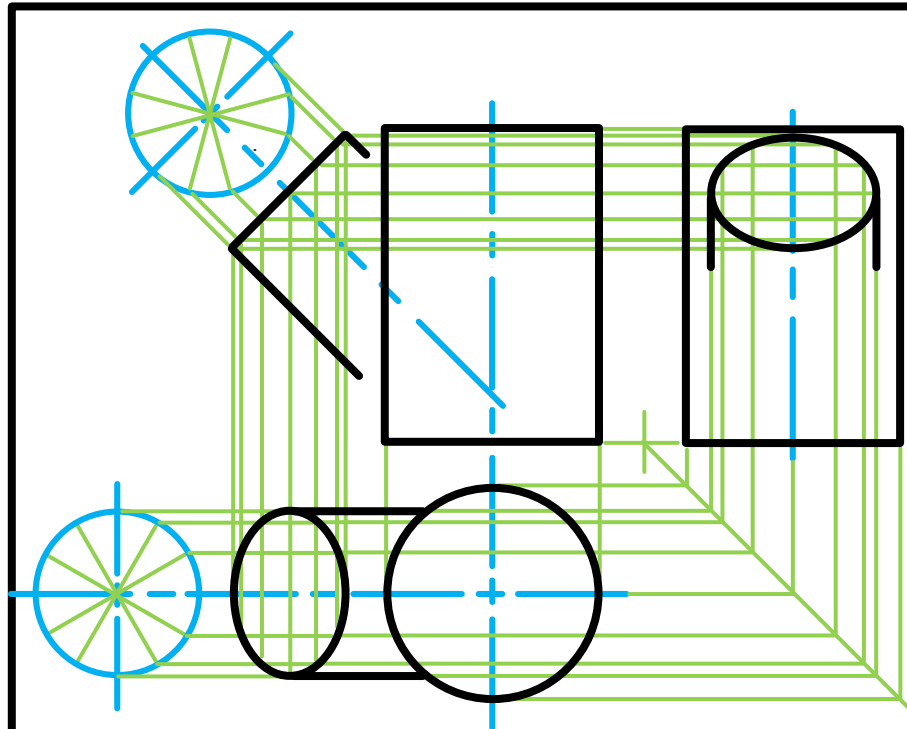
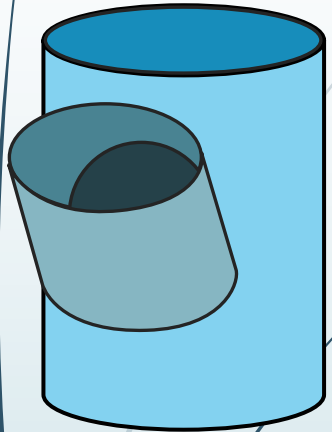
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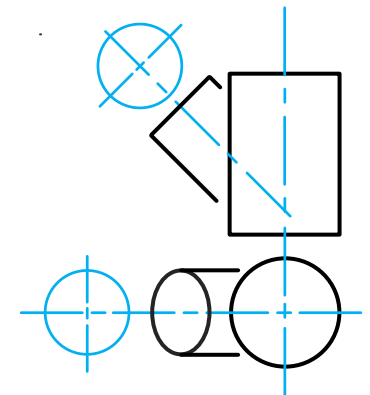
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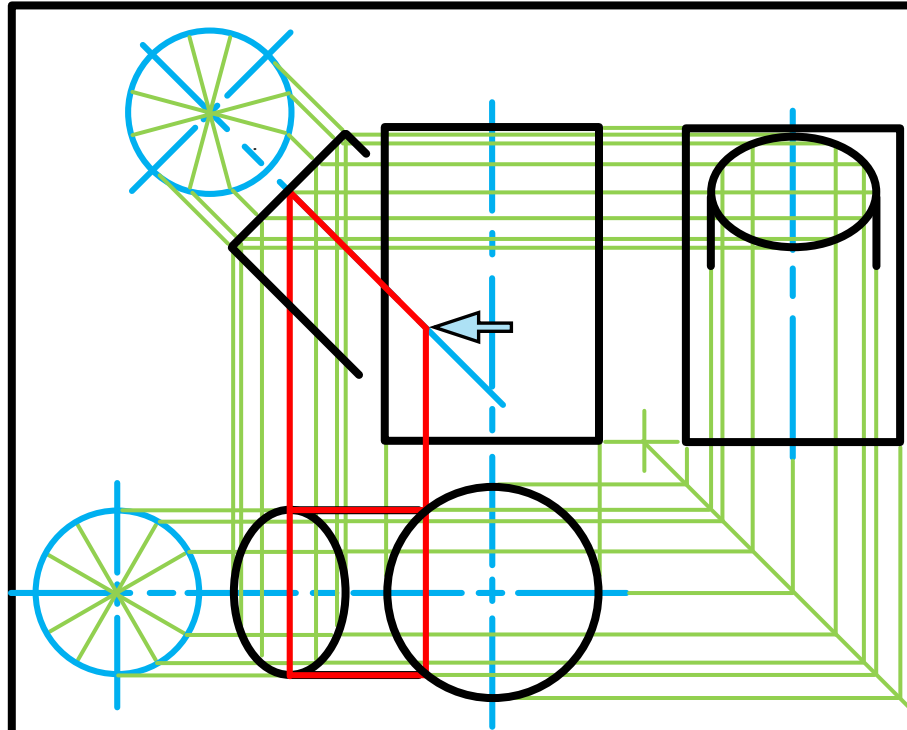
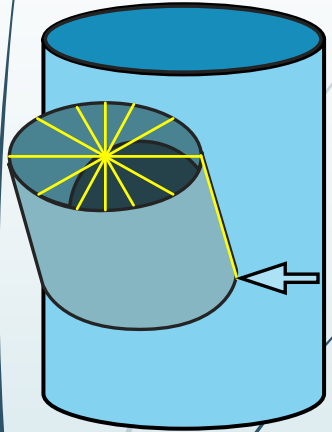
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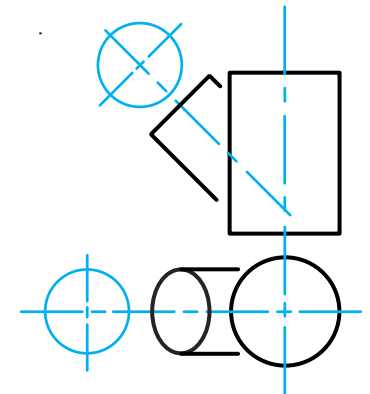
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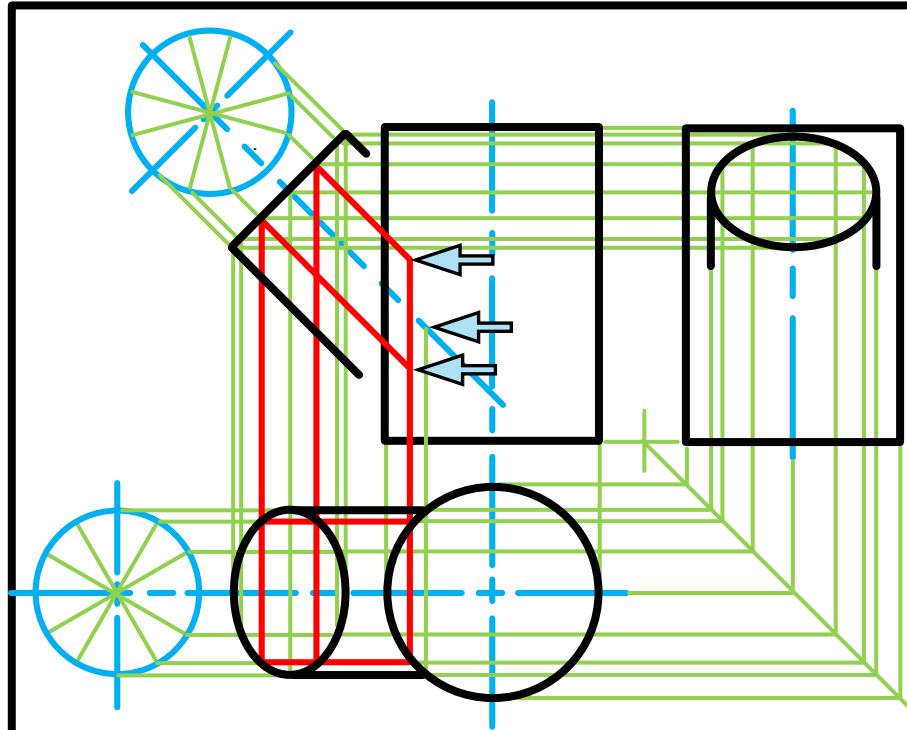
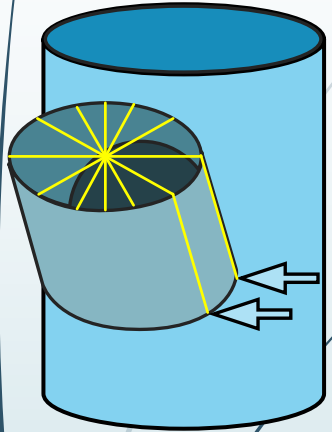
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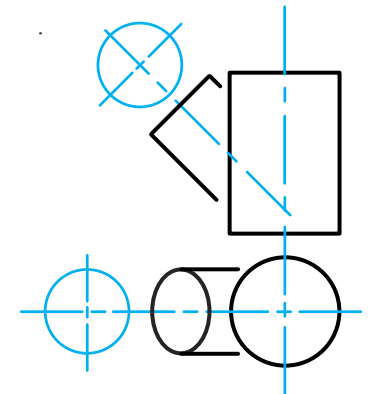
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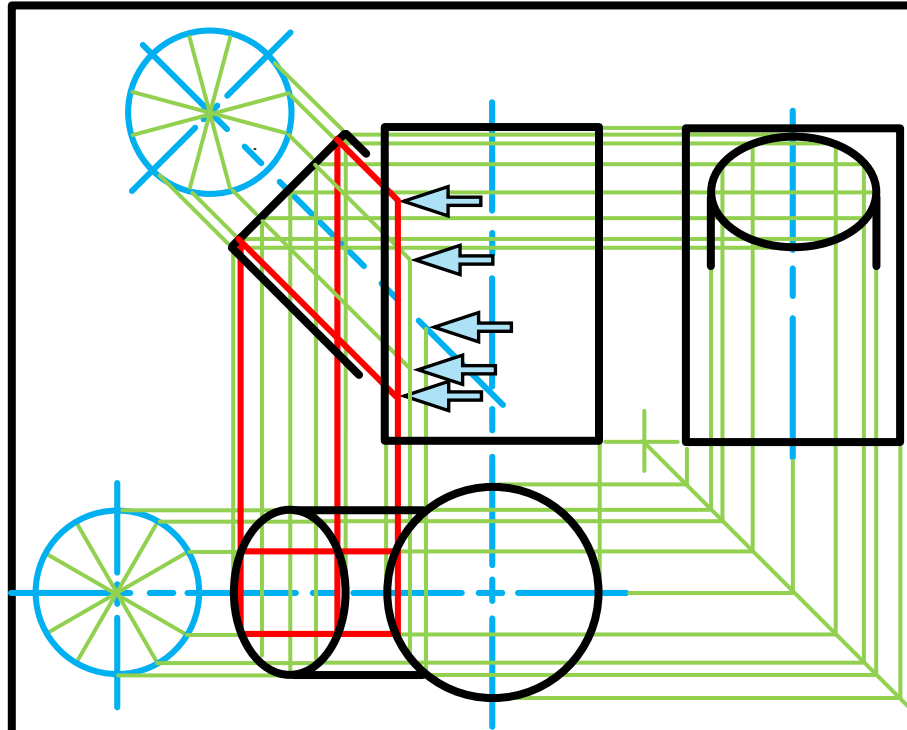
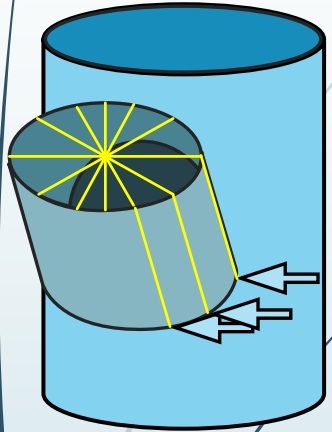
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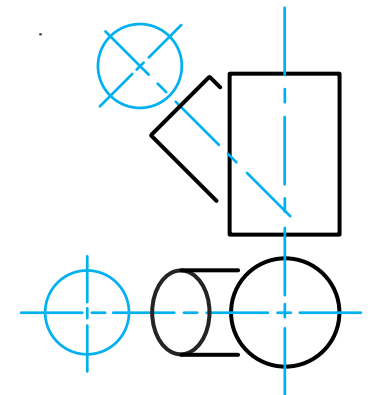
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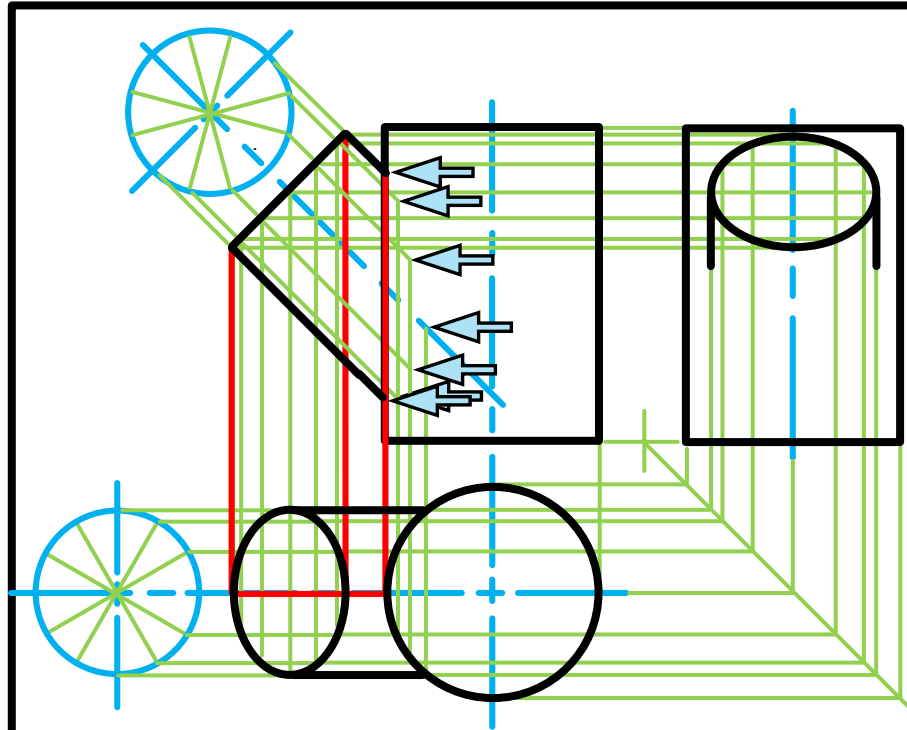
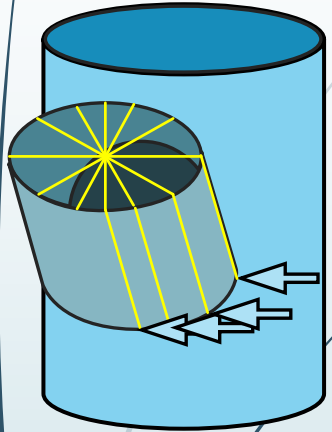
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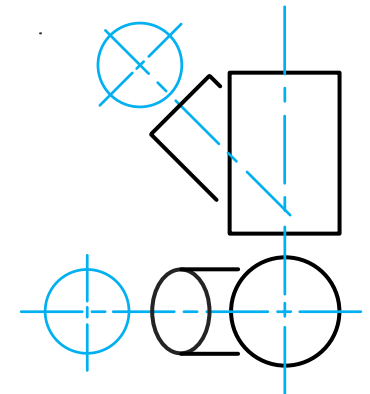
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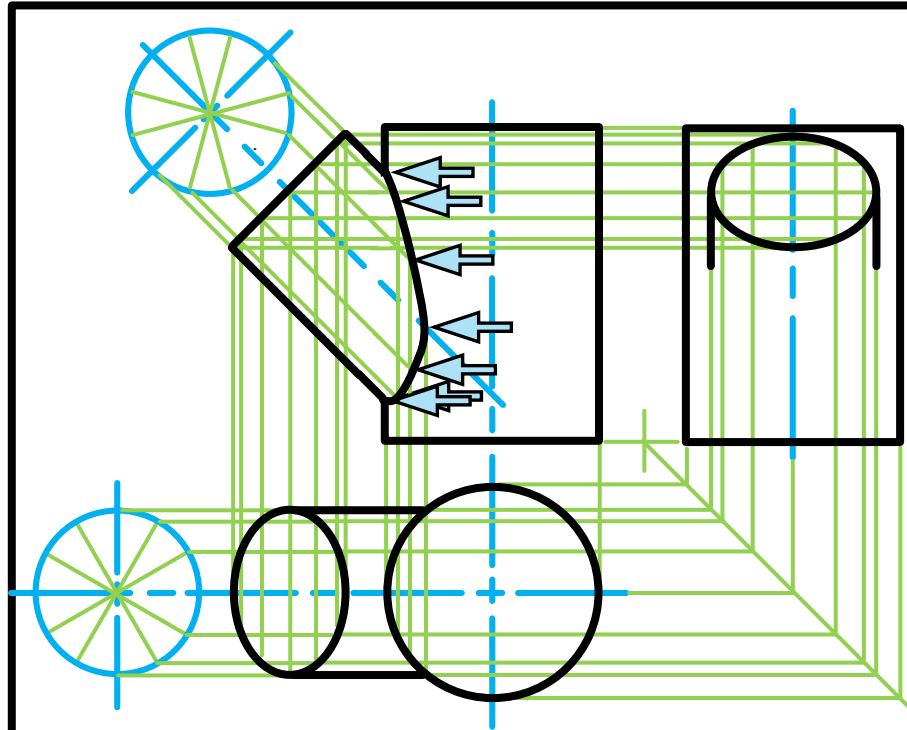
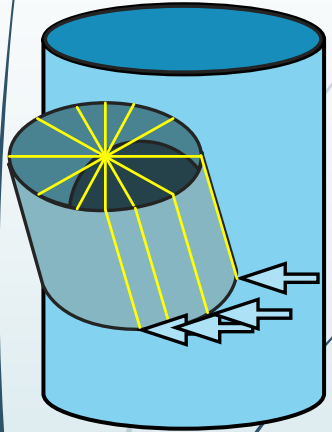
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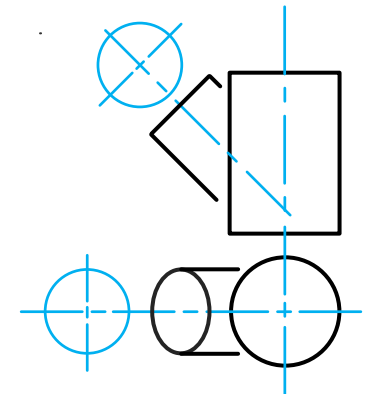
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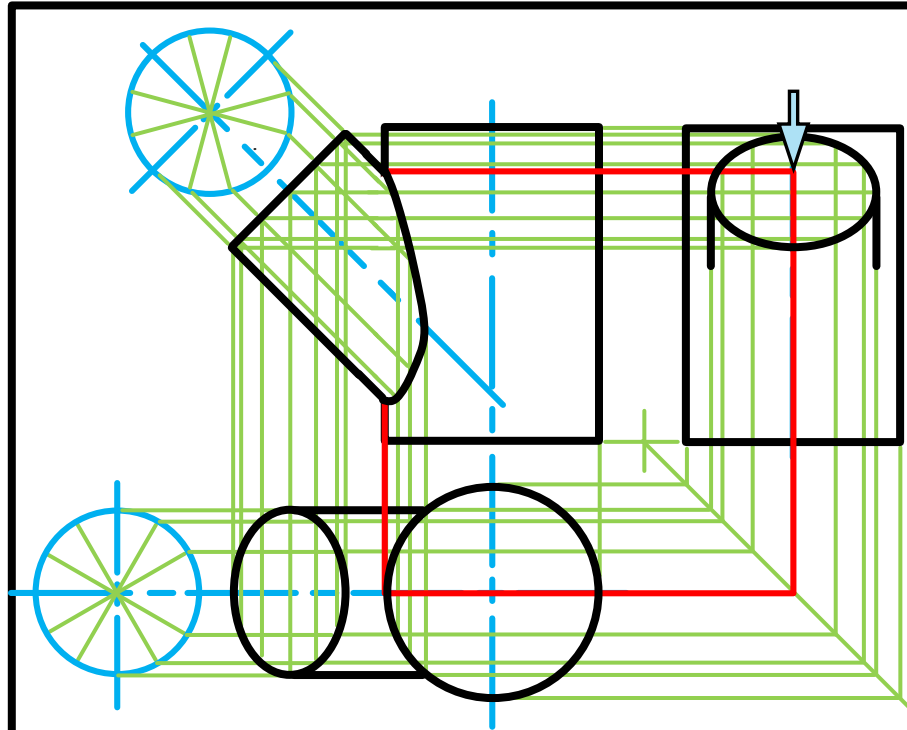
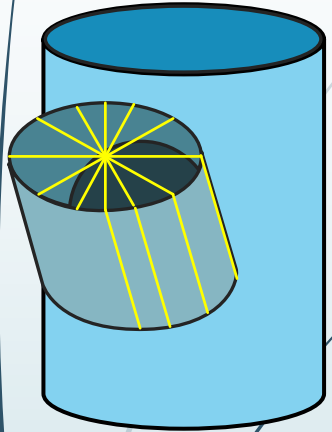
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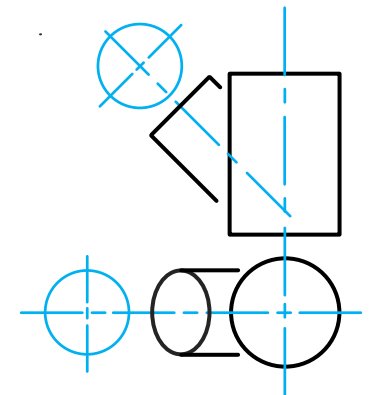
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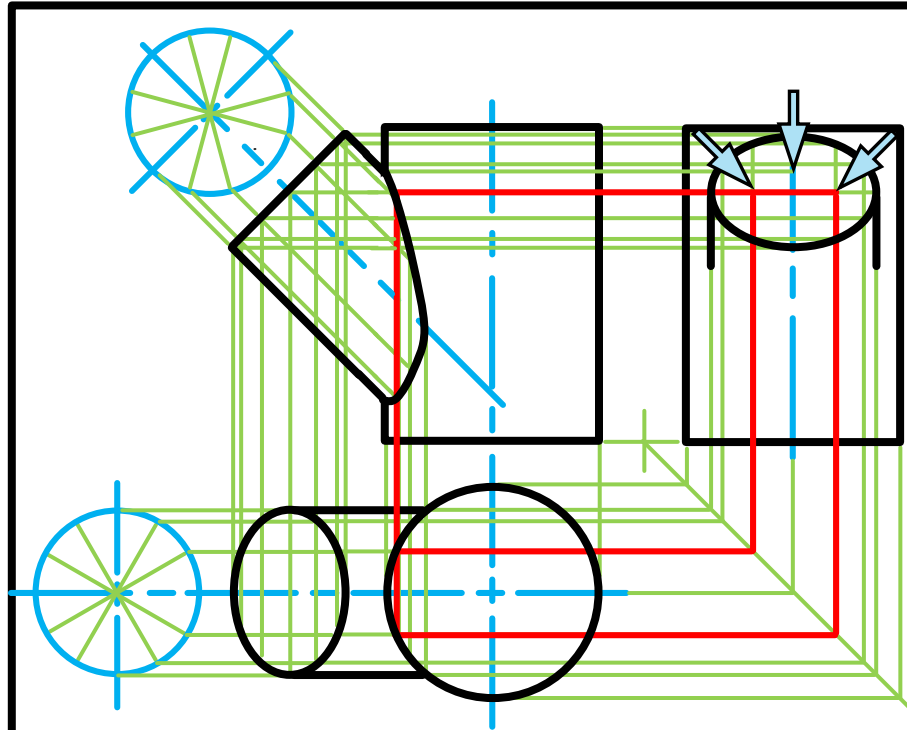
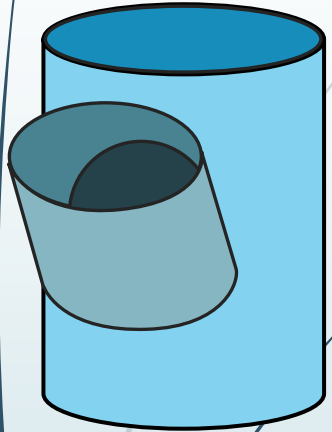
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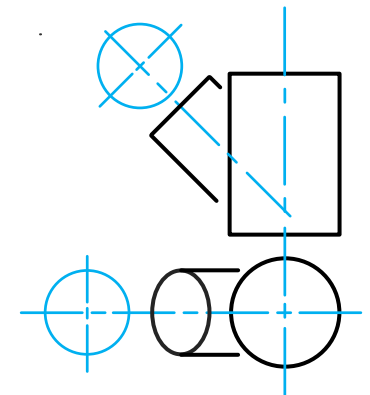
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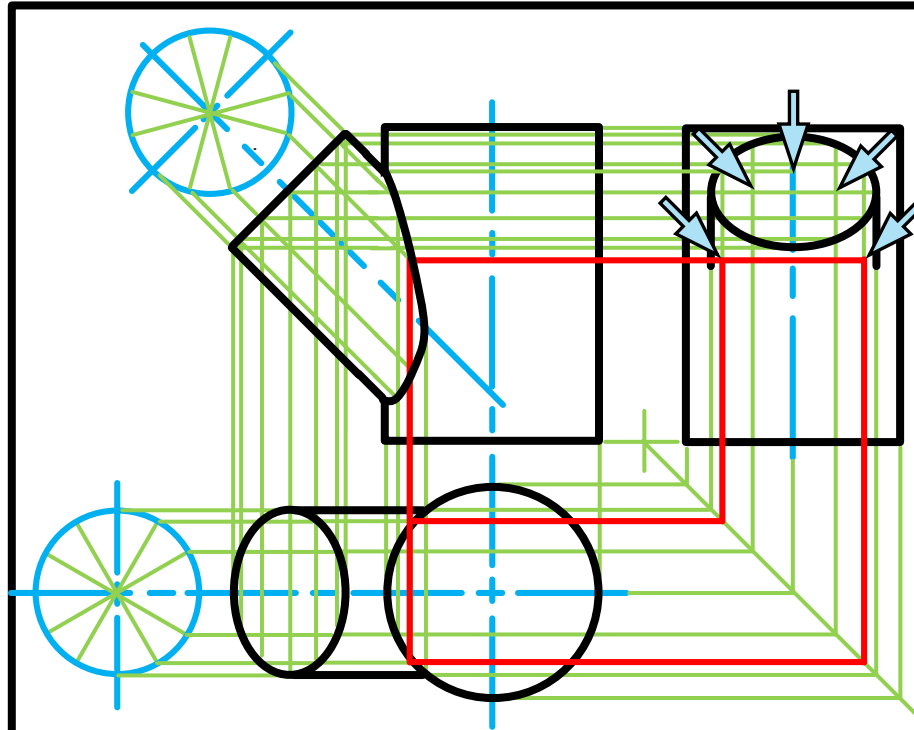
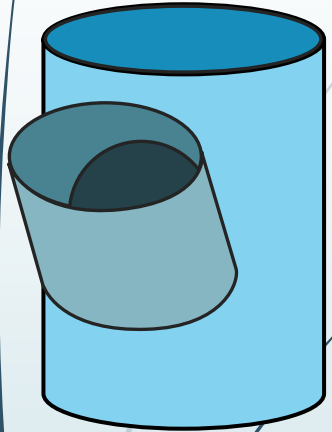
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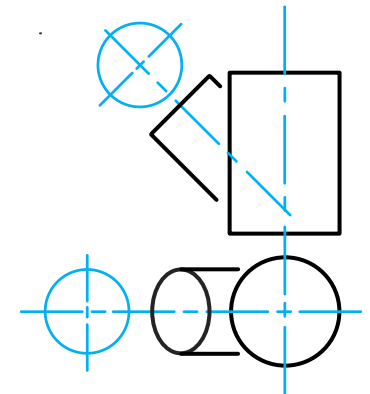
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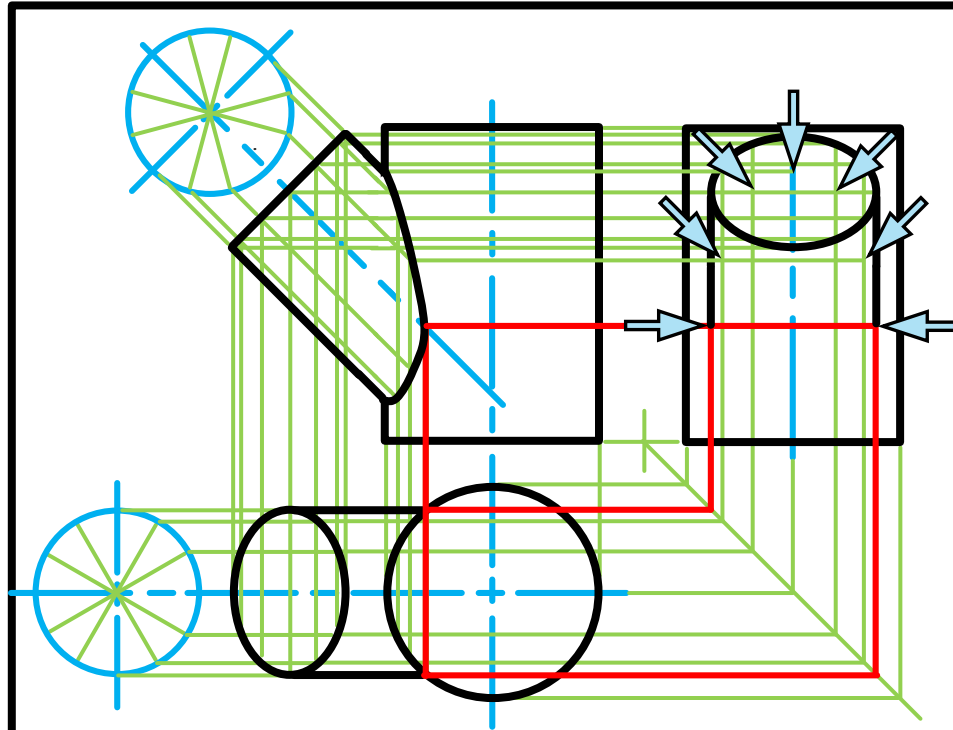
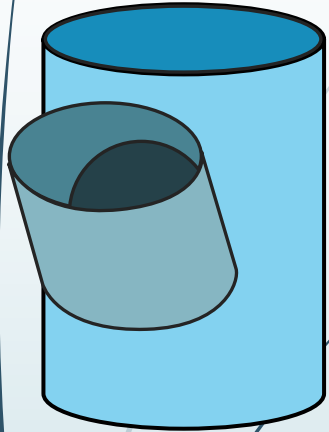
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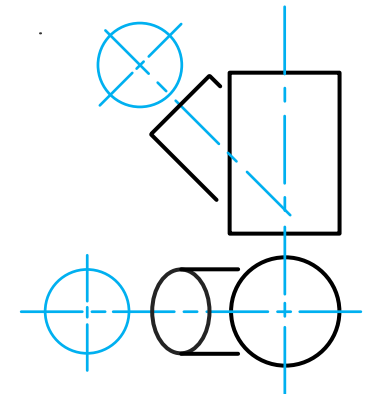
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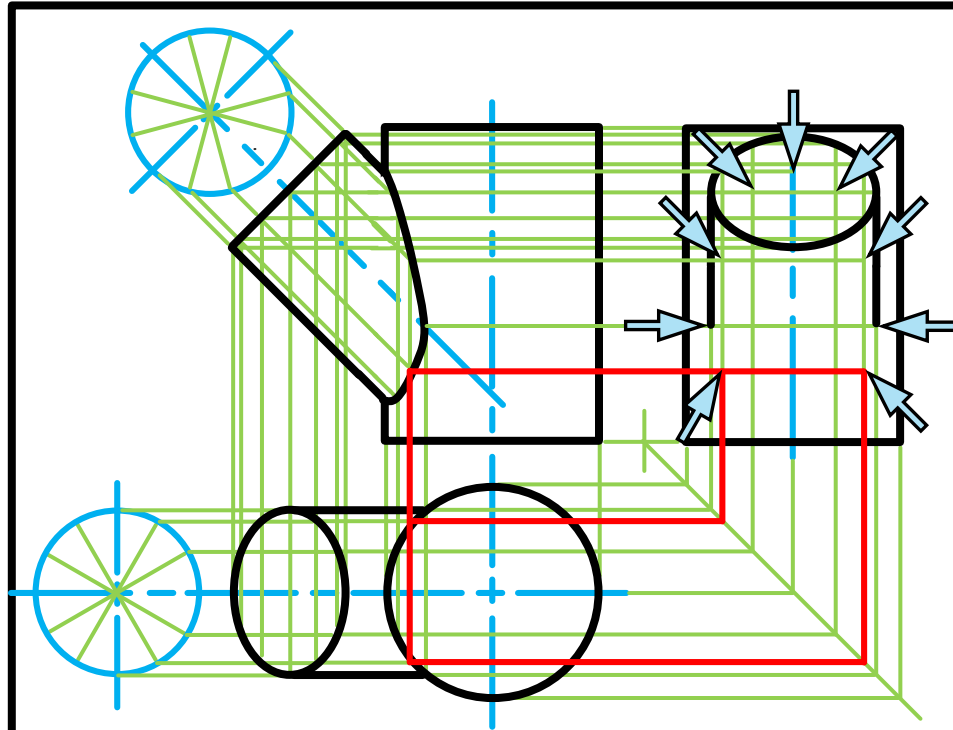
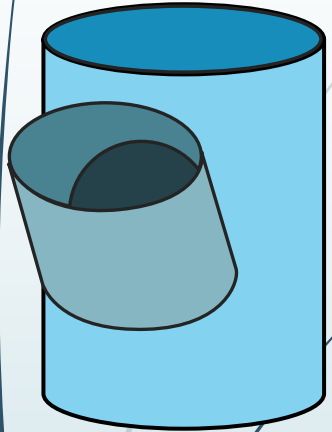
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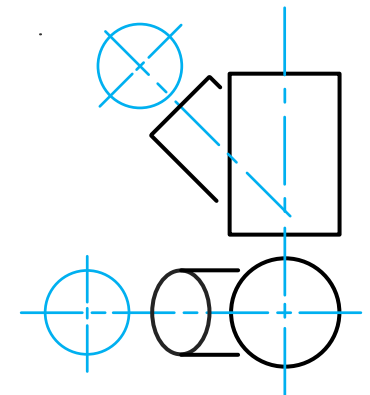
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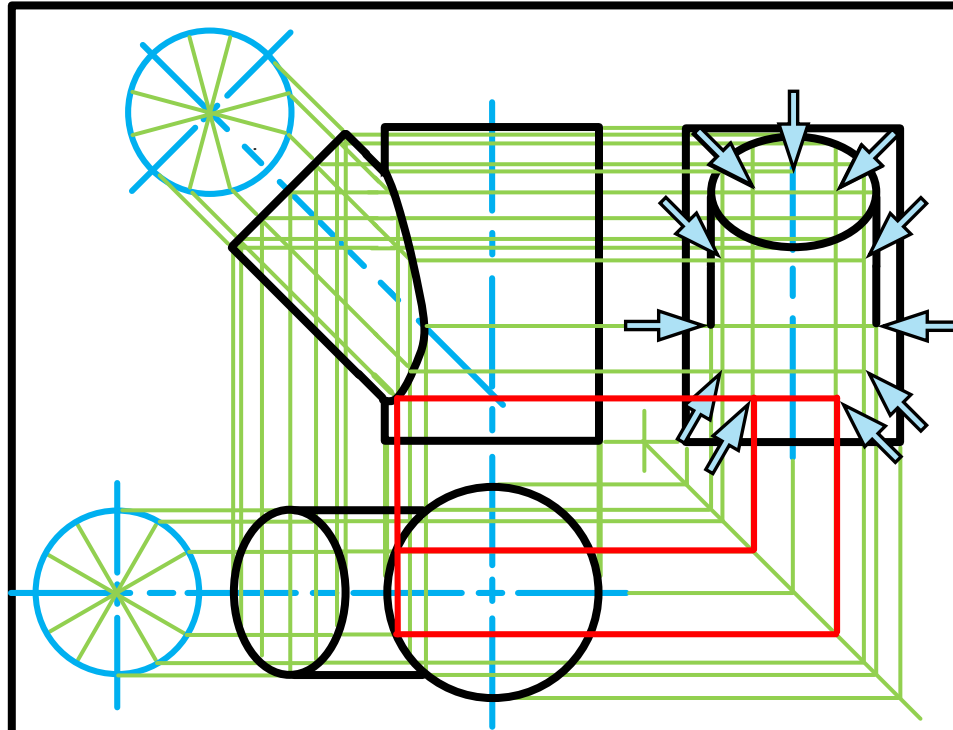
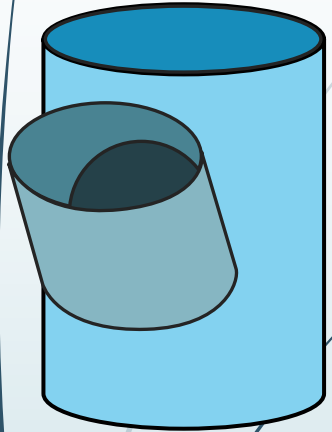
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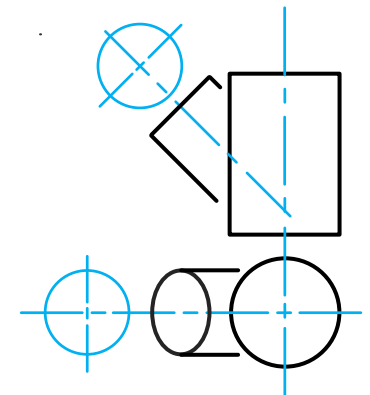
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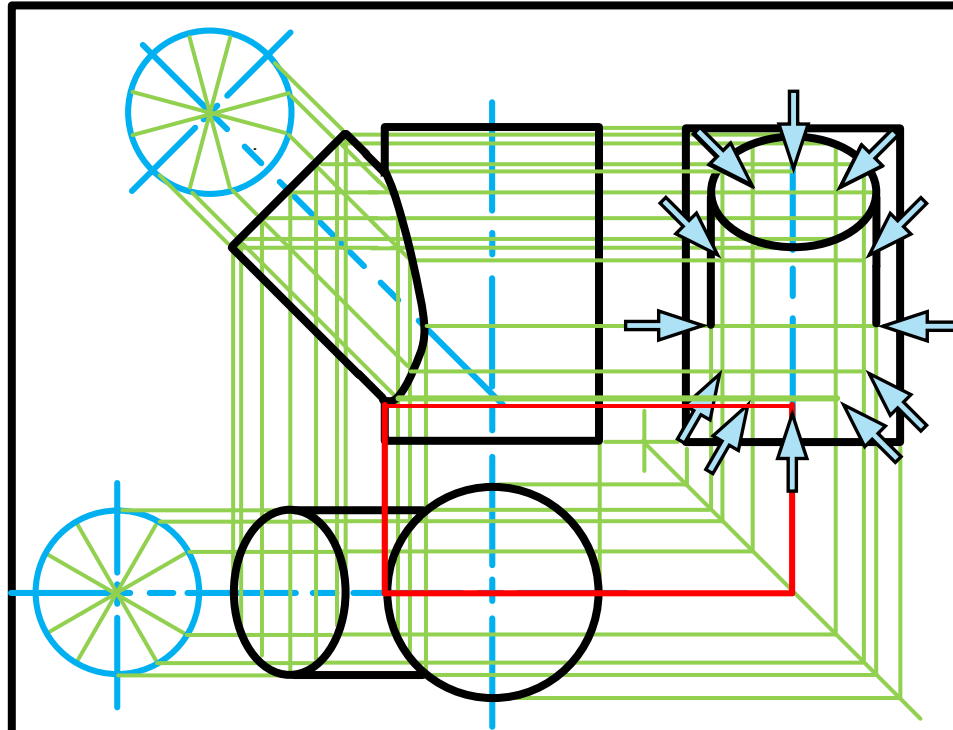
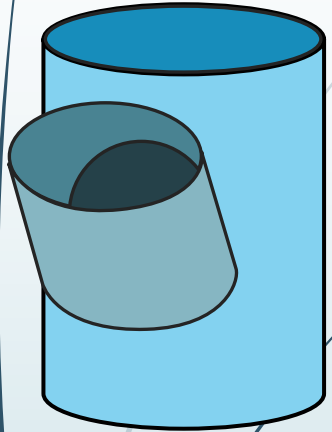
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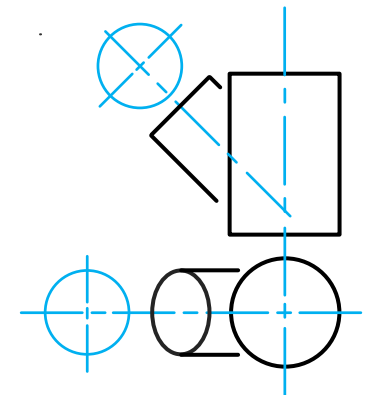
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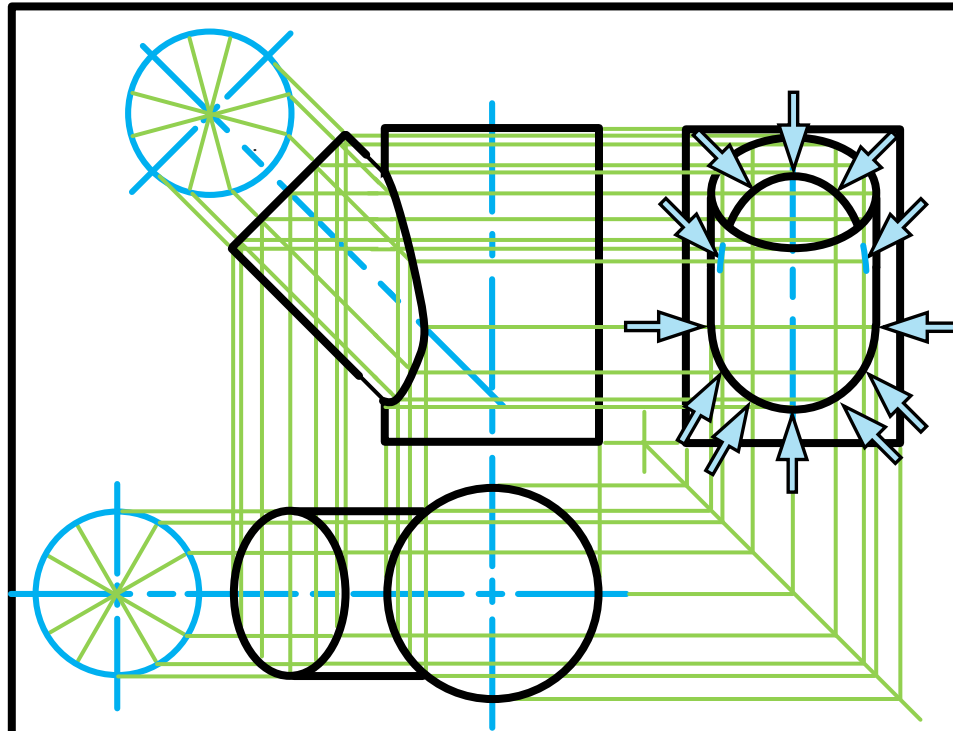
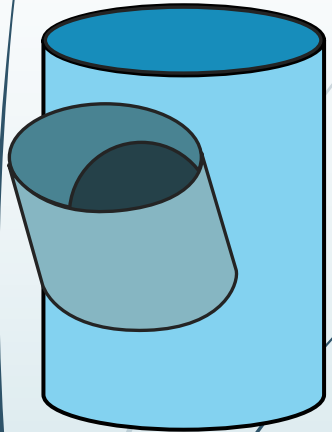
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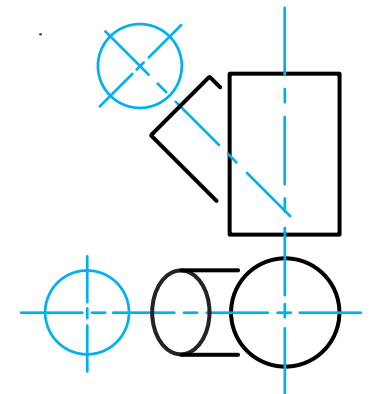
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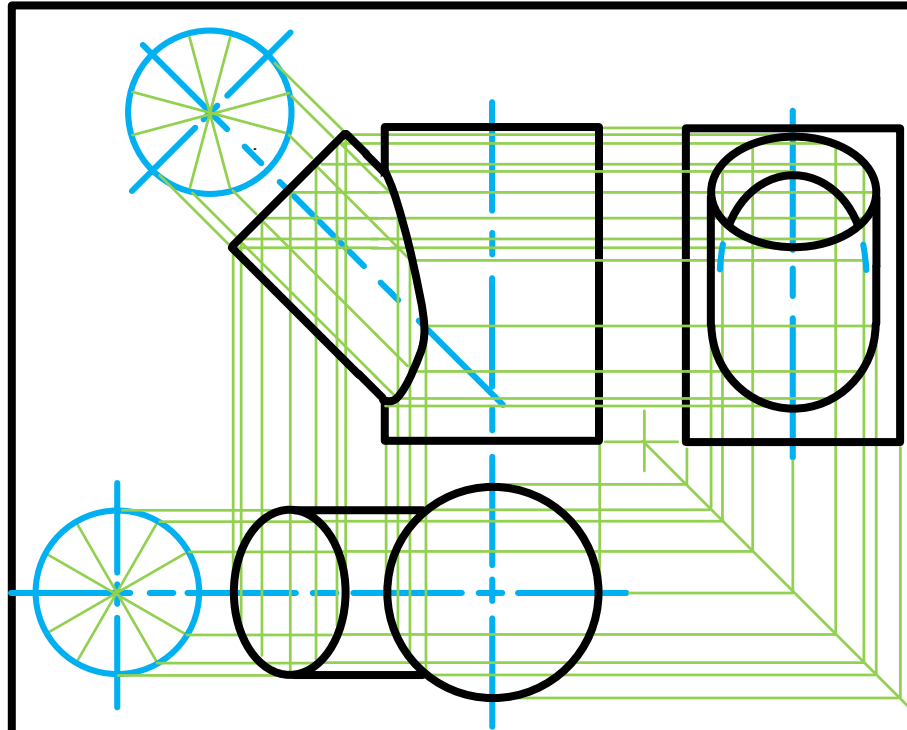
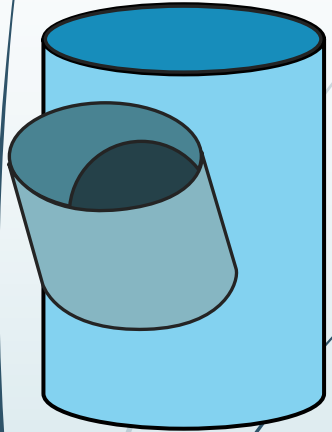
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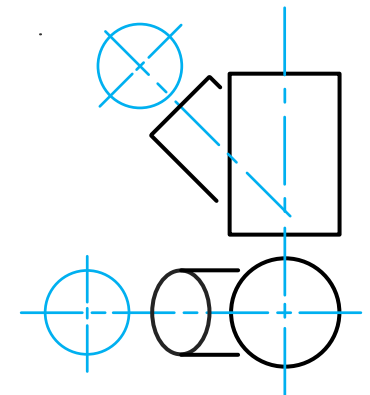
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