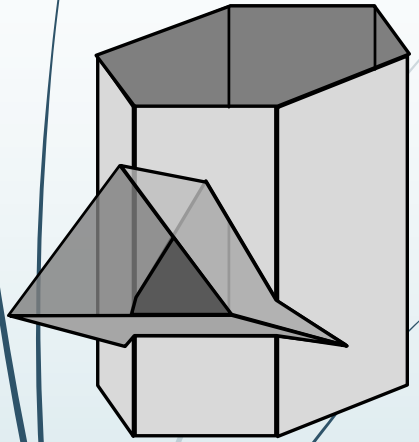


Interpenetrations

EGD Grade 11 & 12

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

Interpenetrations & Development



Question 2: Interpenetration

Given:

- * The incomplete front view and top view of an equilateral triangular prism on 30° that has to fit around a square prism. The axes of both prisms lie in a common vertical plane
- * An auxiliary view of the triangular prism

Instructions:

Draw, to scale 1:1, the following:

1. The given top view.
2. The complete front view clearly showing the curve of interpenetration.
3. The complete left view.
4. Develop the hexagon to show the interpenetration clearly.
5. Develop the equilateral triangular prism.

- * Show ALL hidden detail.
- * Show ALL necessary construction.

Question 2: Interpenetration

Given:

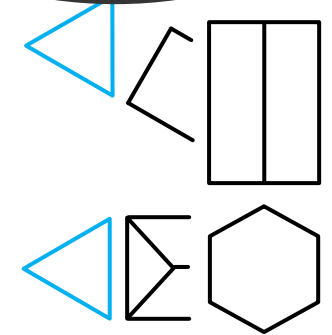
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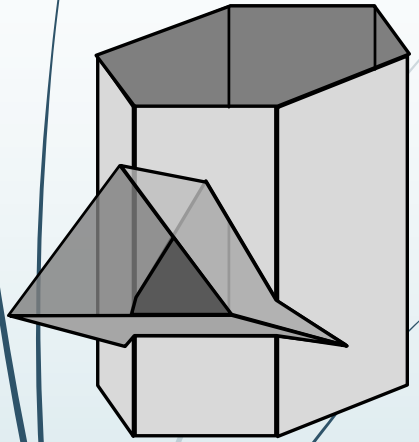
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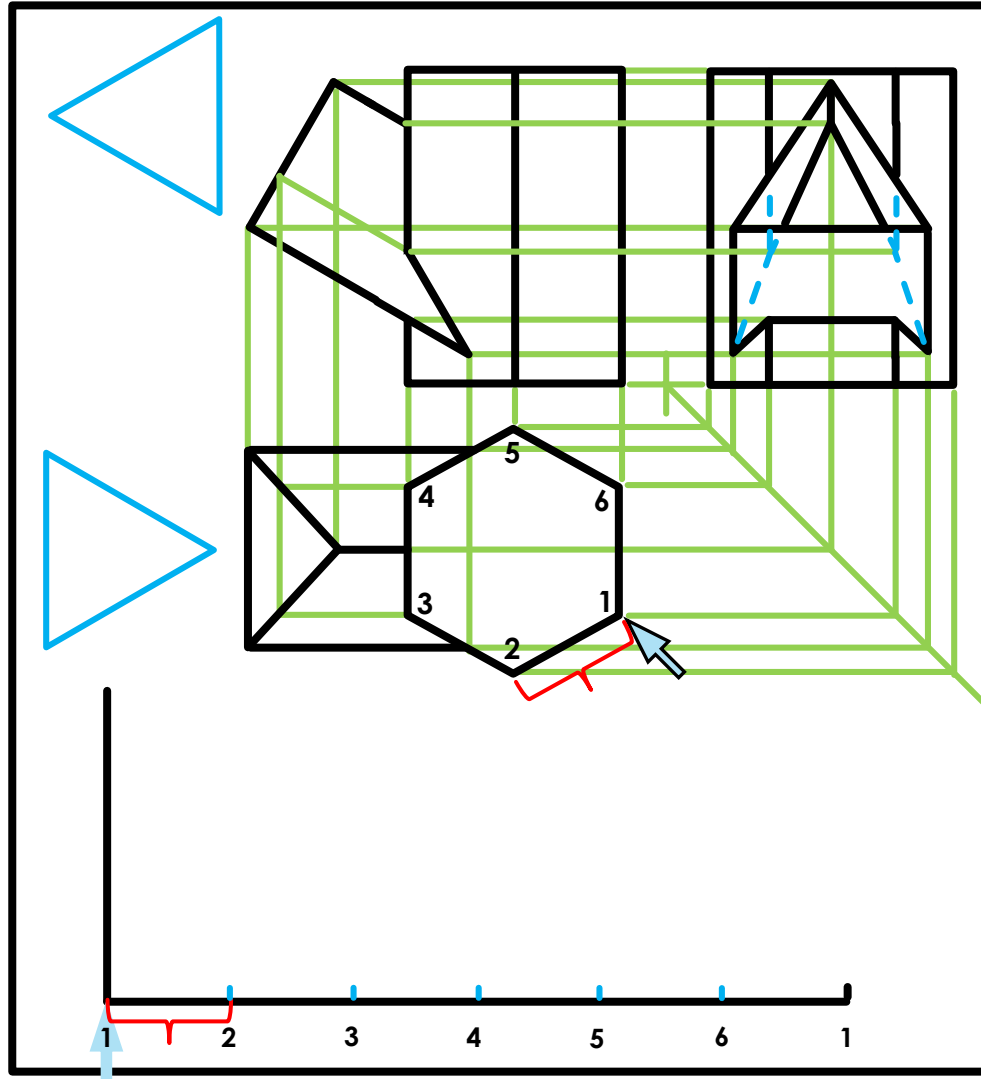
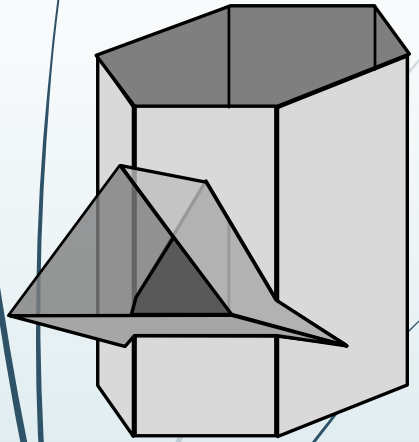
Interpenetrations & Development



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 Draw, to scale 1:1, the following:
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Interpenetrations & Development



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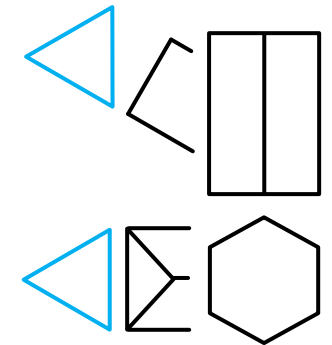
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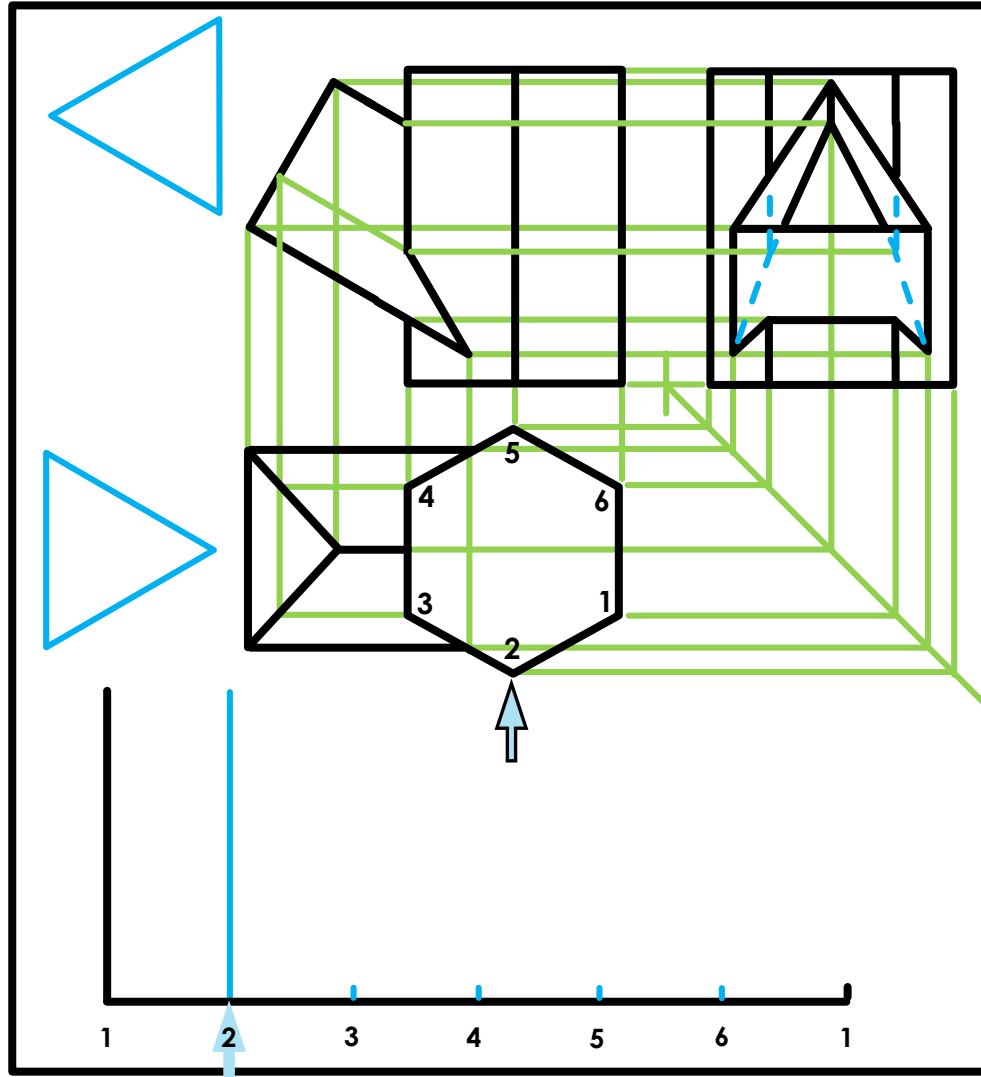
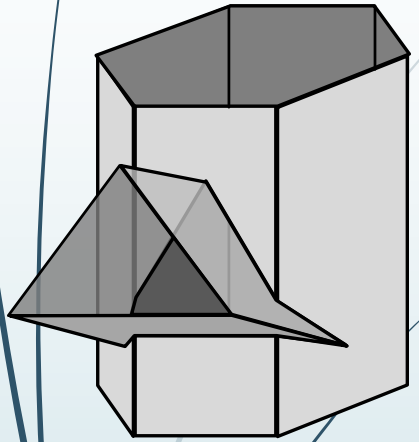
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* Show ALL necessary construction.



Interpenetrations & Development



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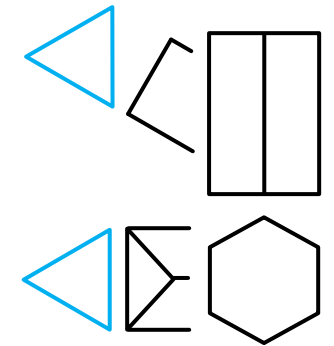
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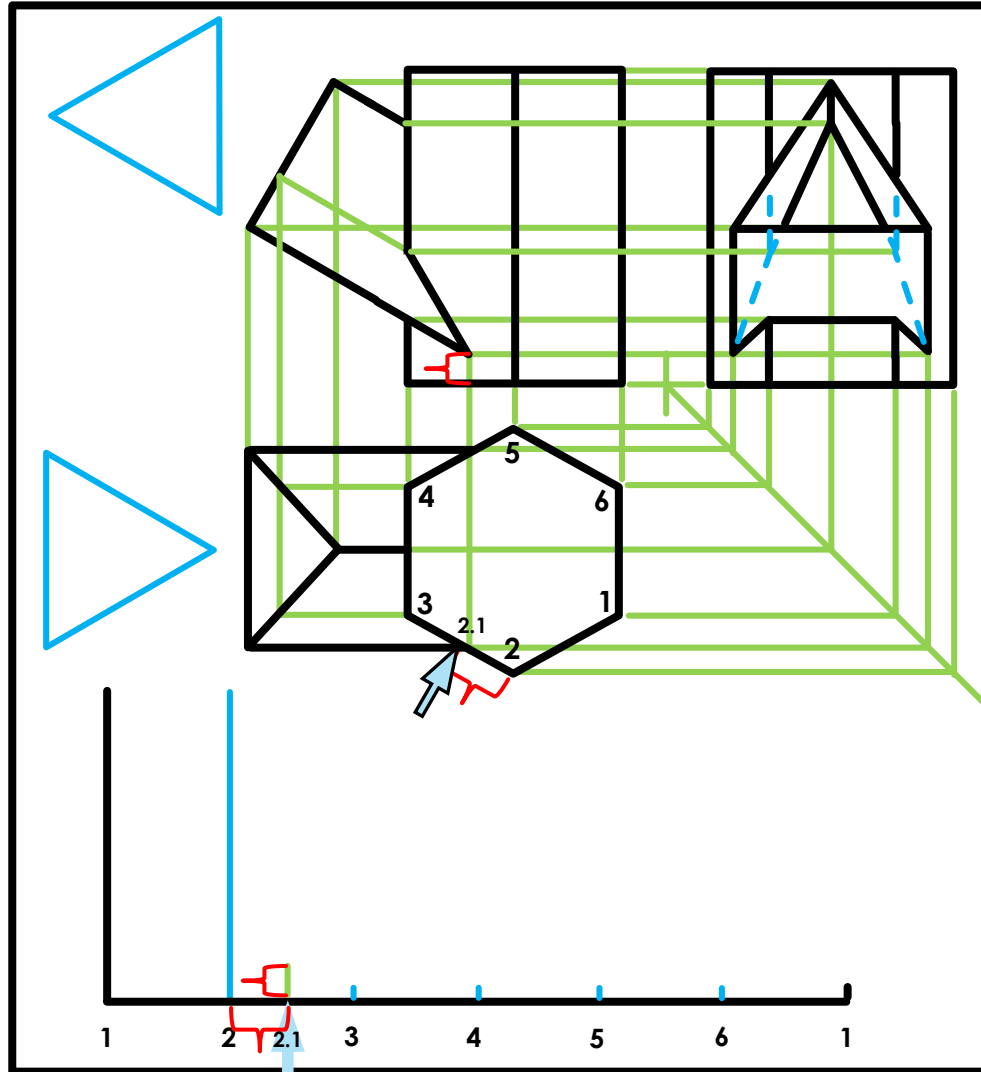
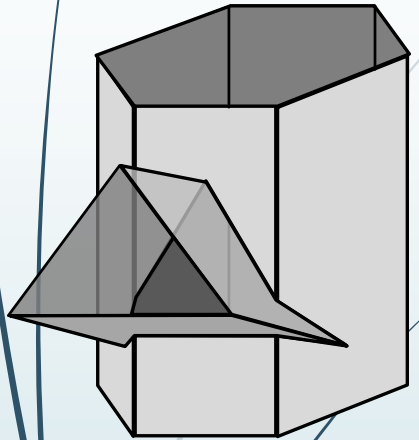
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education

Department of
Education
FREE STATE PROVINCE

Interpenetrations & Development



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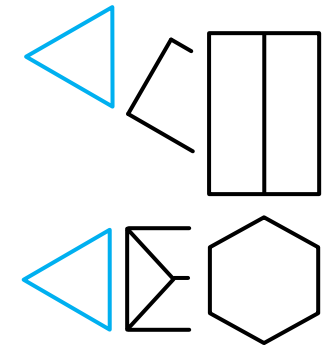
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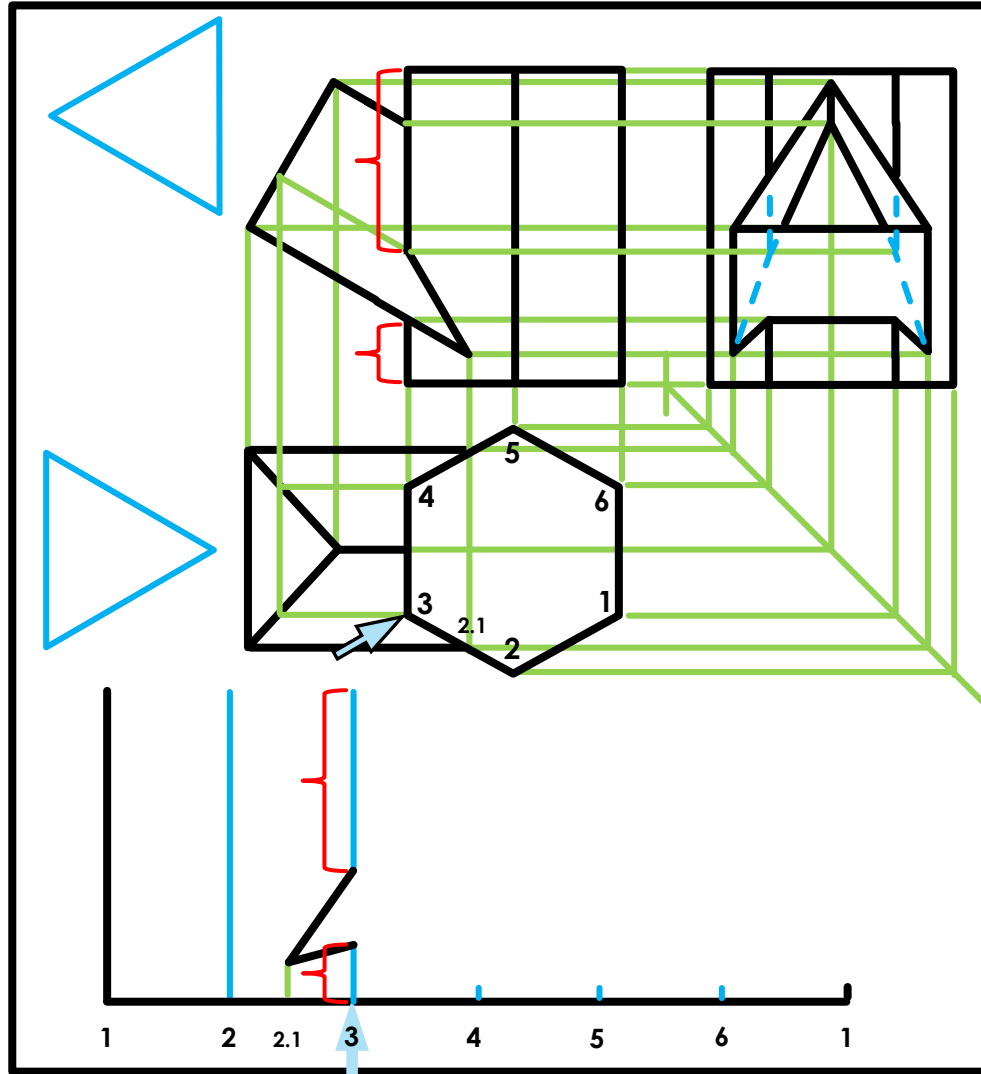
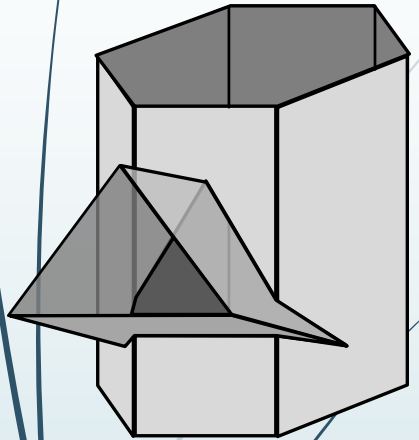
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Interpenetrations & Development



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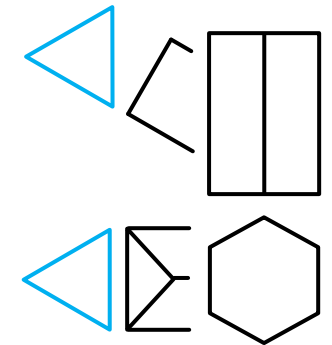
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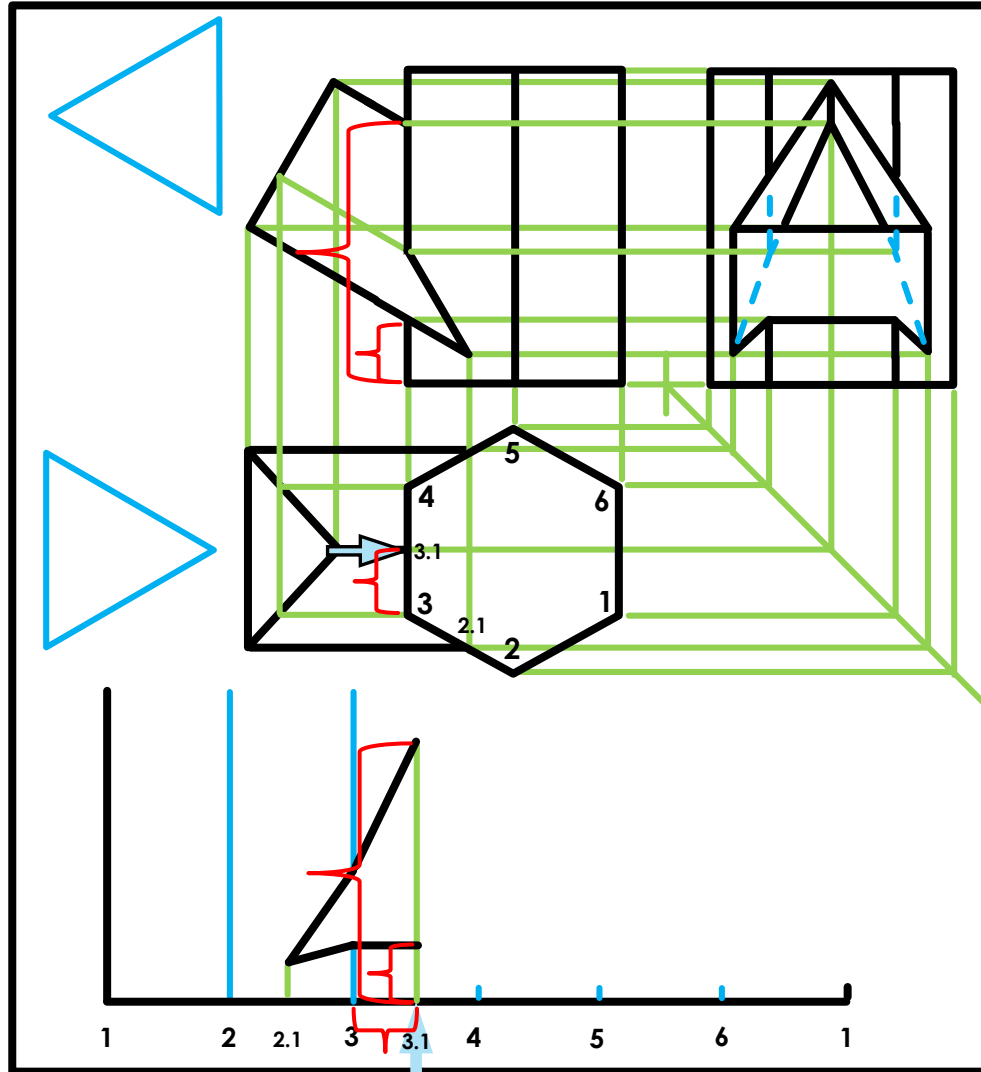
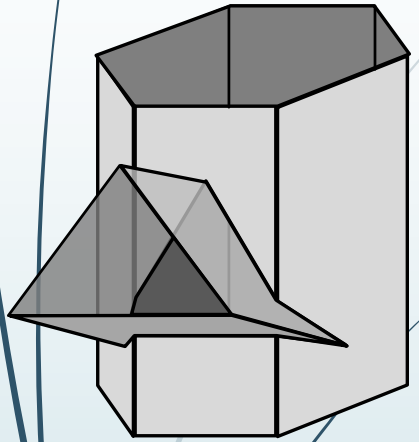
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Interpenetrations & Development



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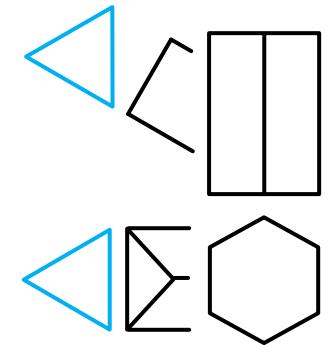
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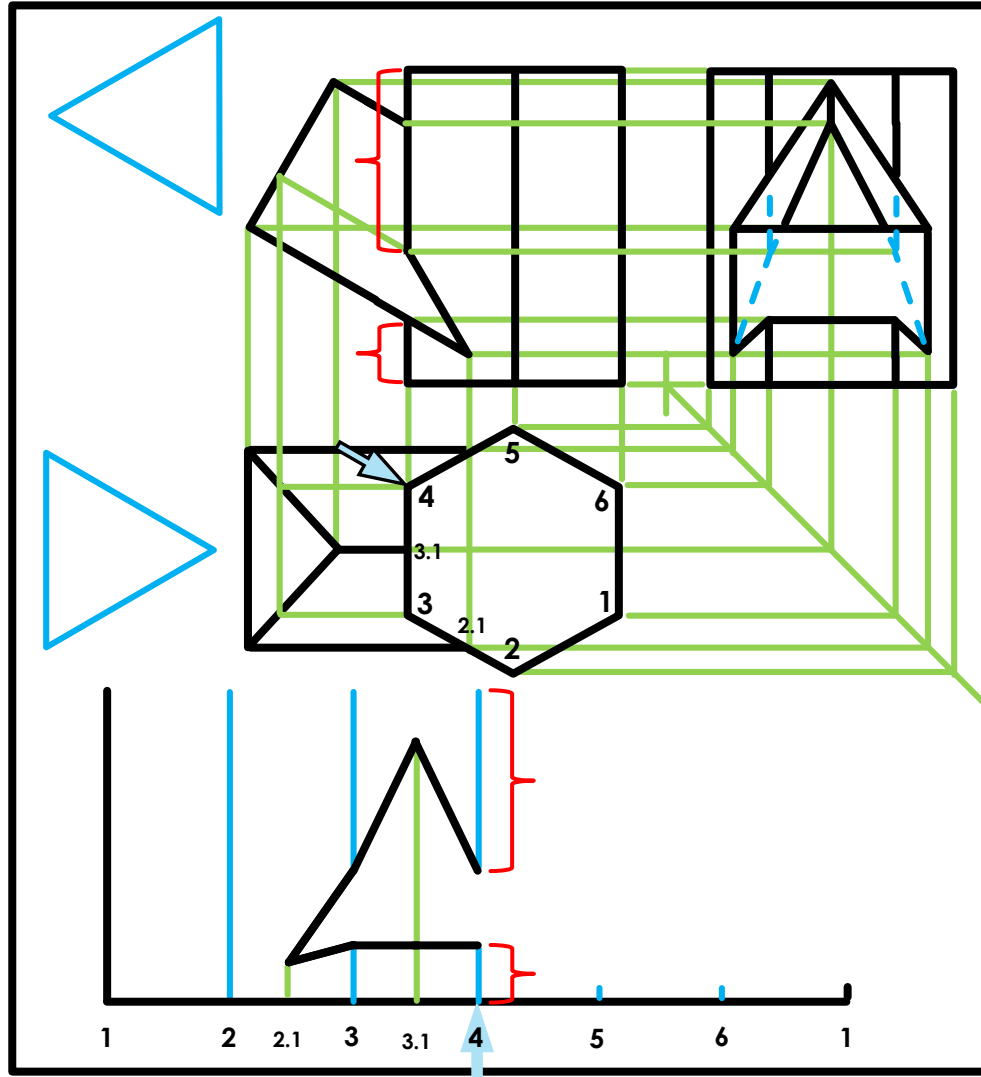
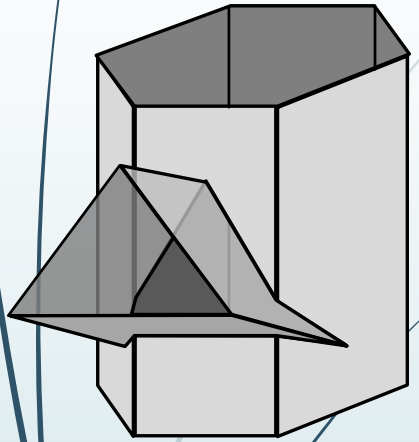
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Interpenetrations & Development



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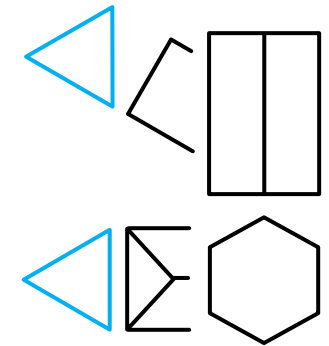
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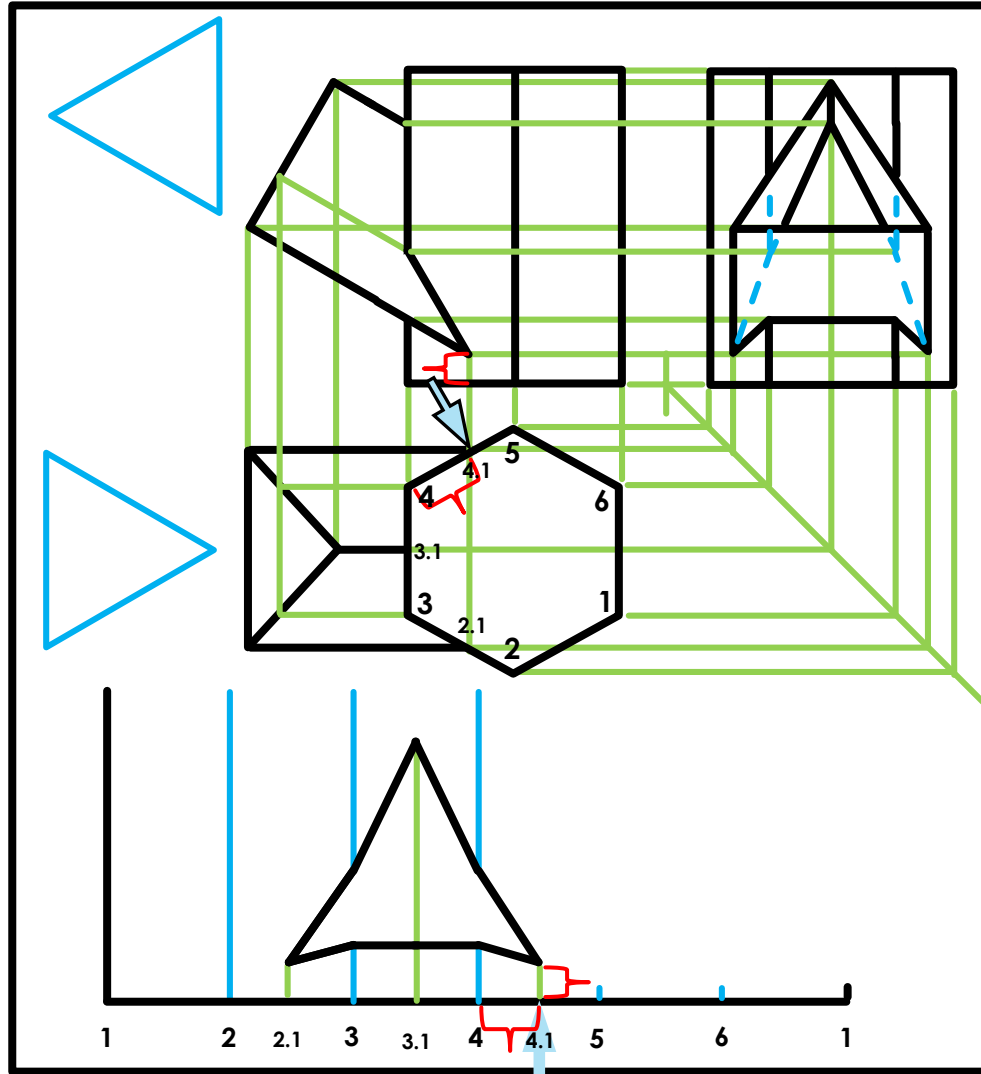
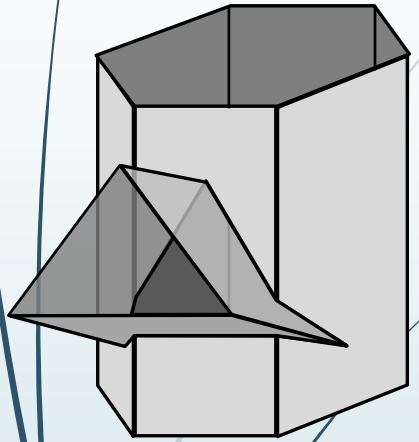
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Interpenetrations & Development



Question 2: Interpenetration

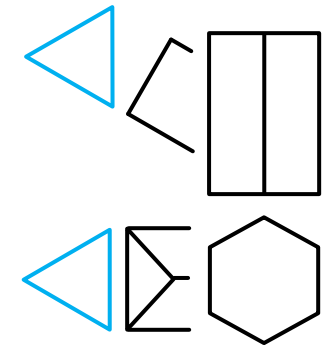
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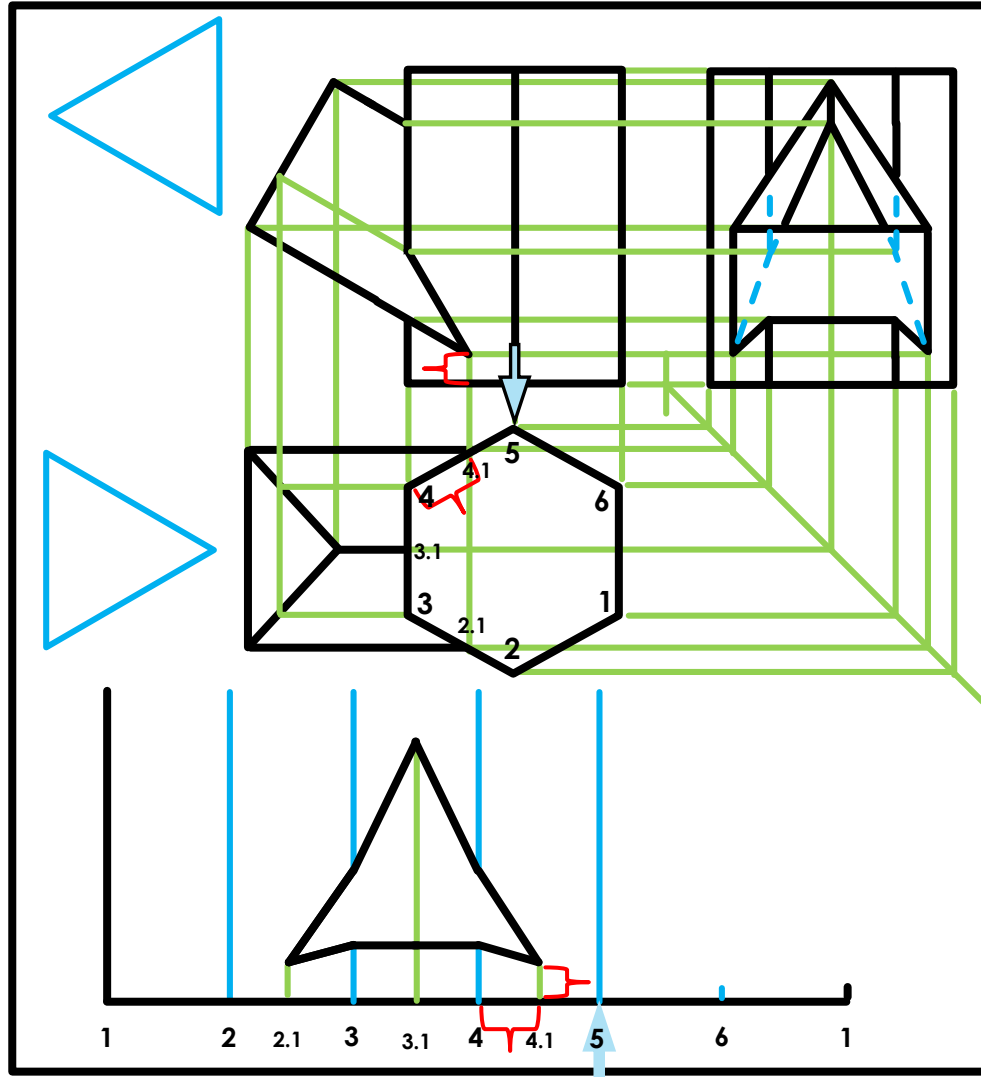
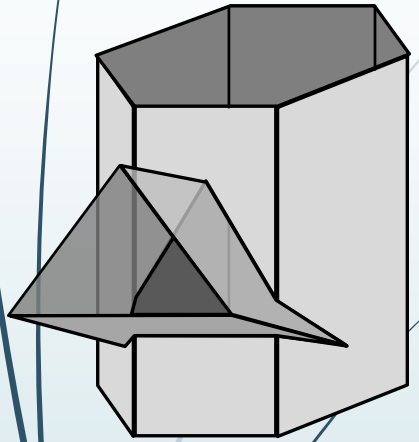
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Interpenetrations & Development



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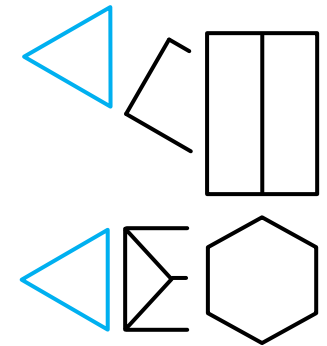
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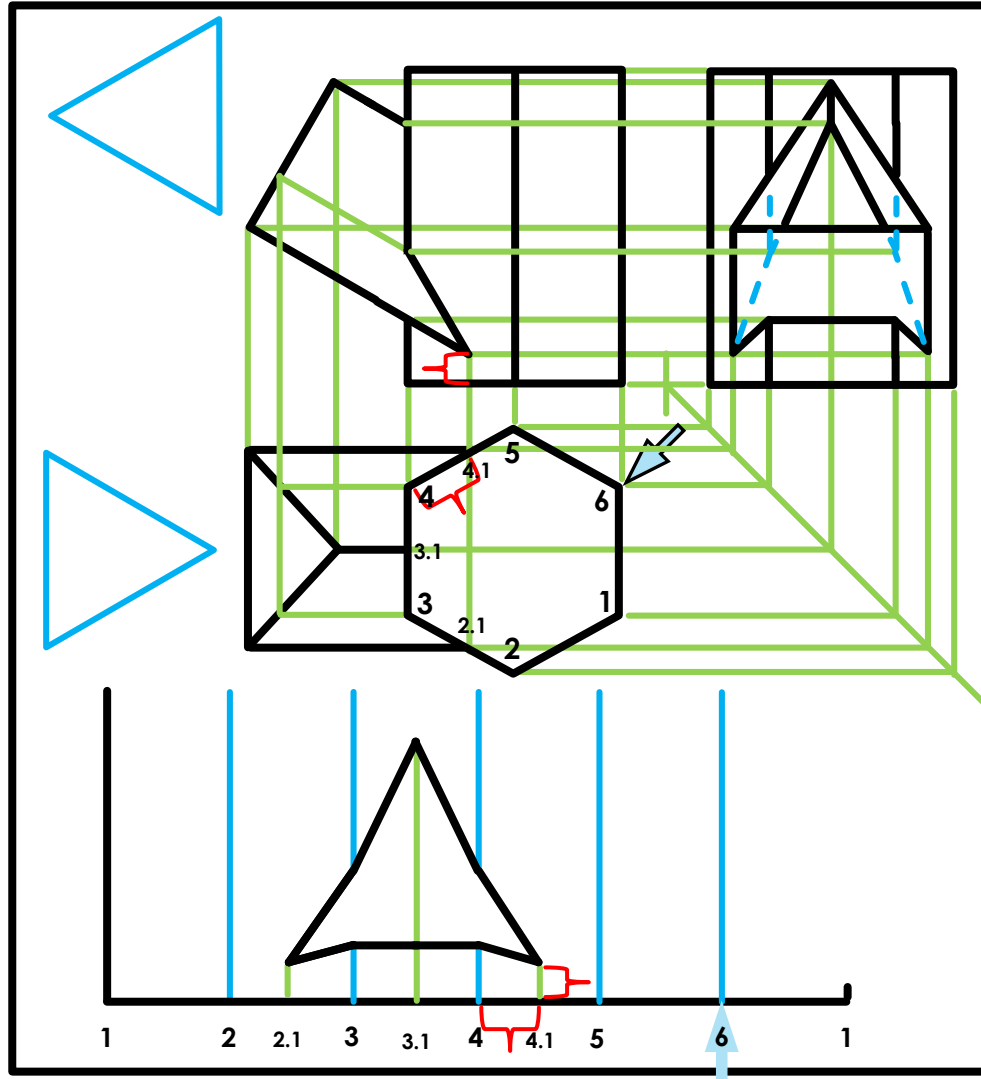
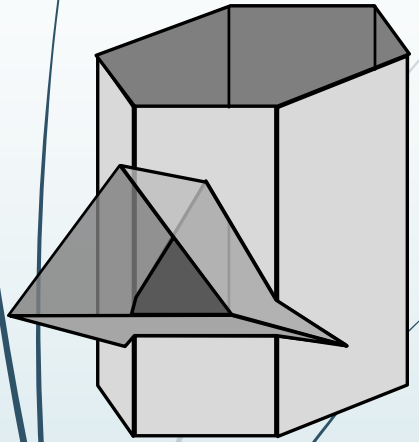
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Interpenetrations & Development



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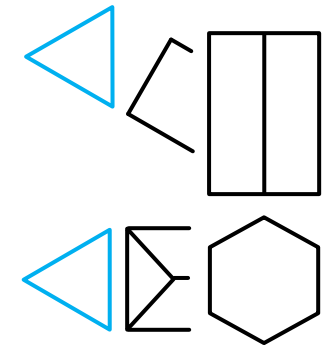
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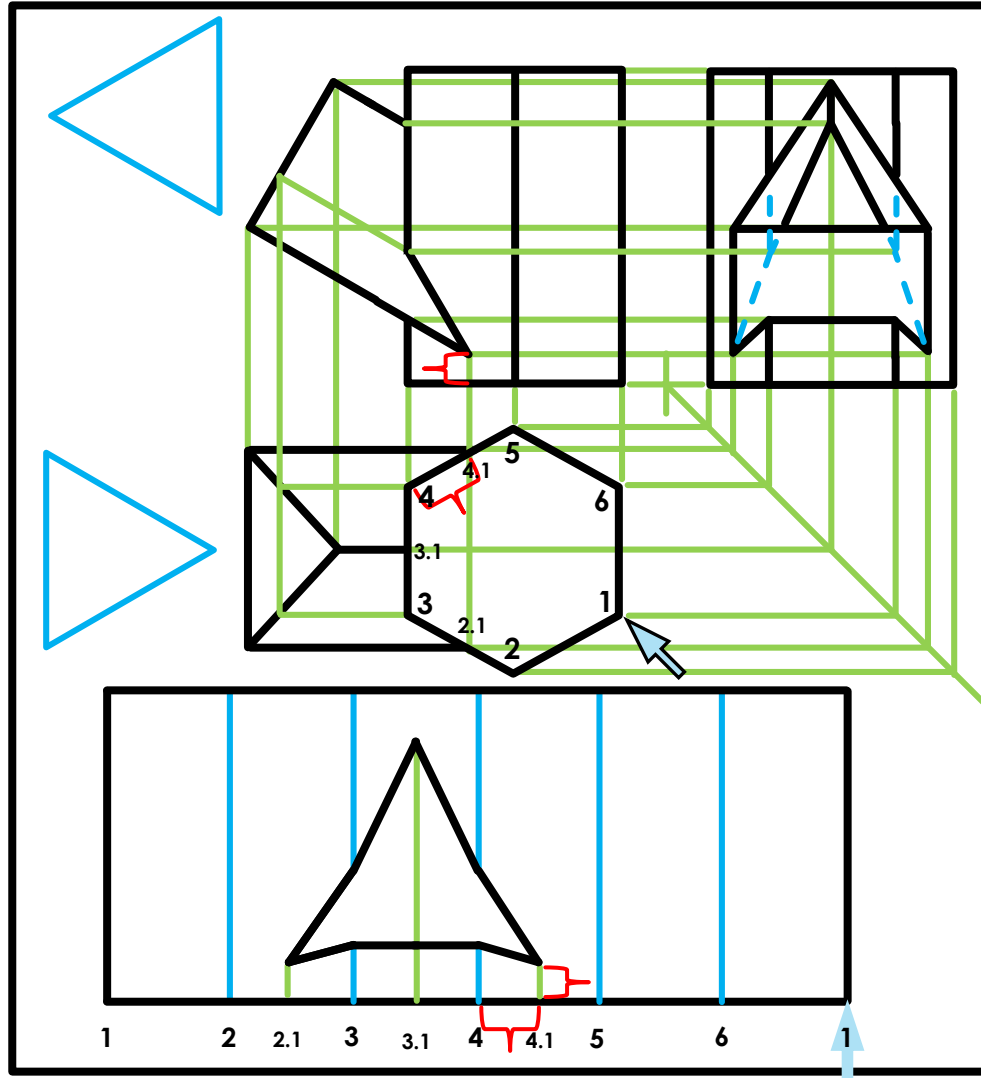
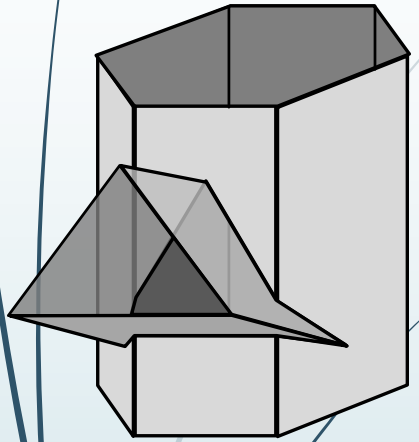
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Interpenetrations & Development



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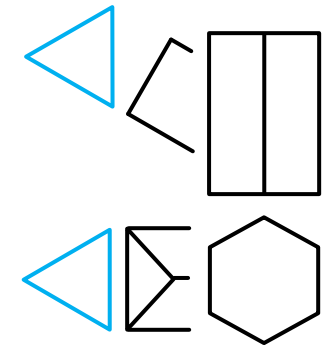
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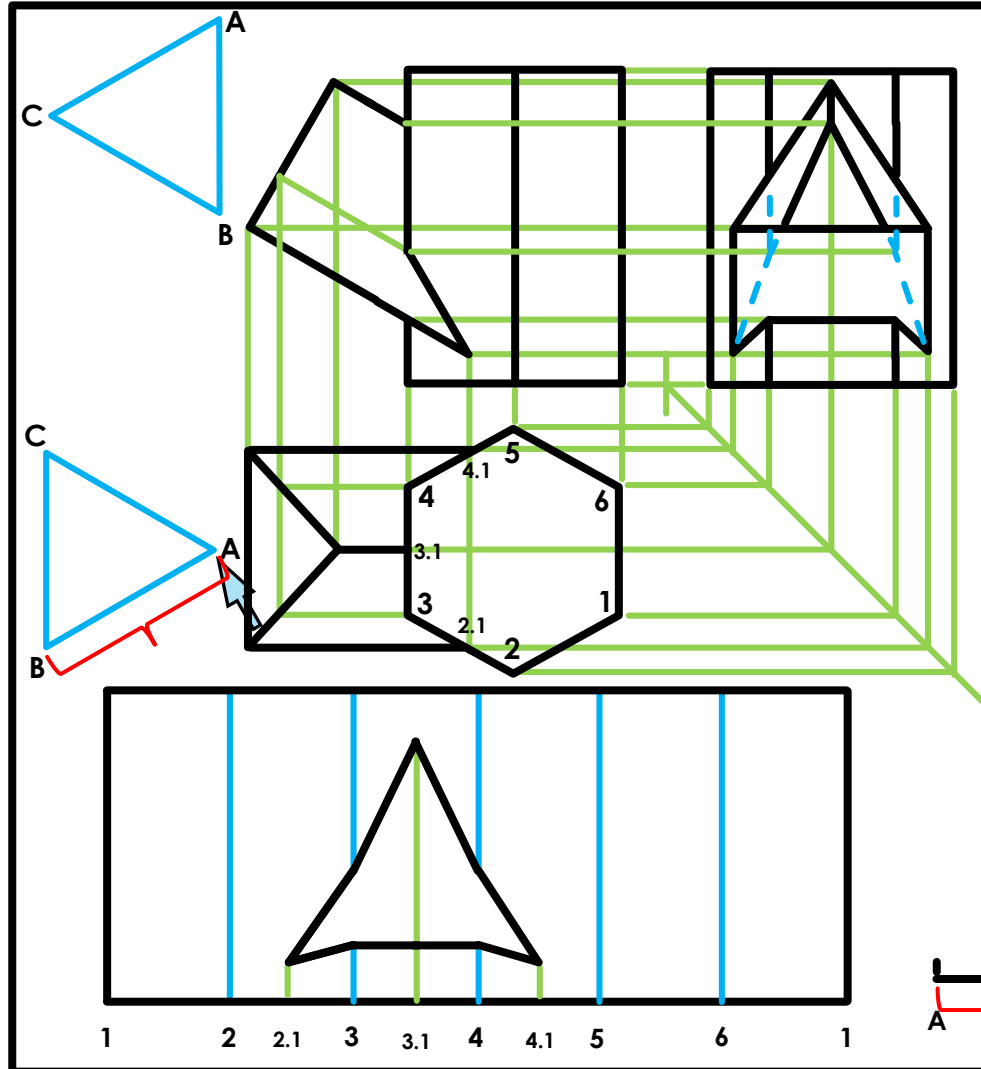
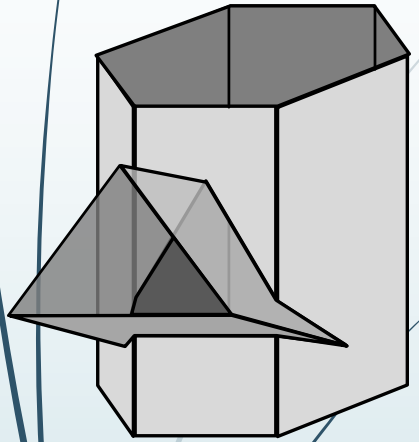
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Interpenetrations & Development



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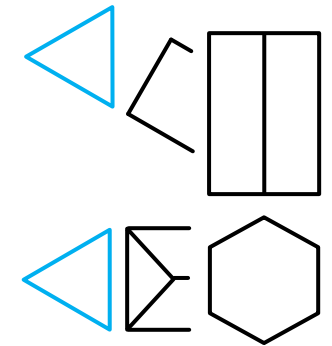
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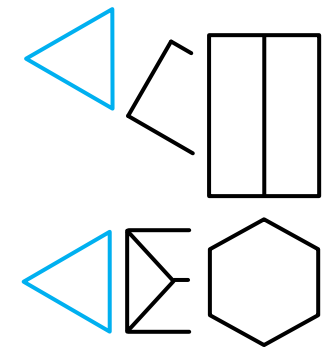
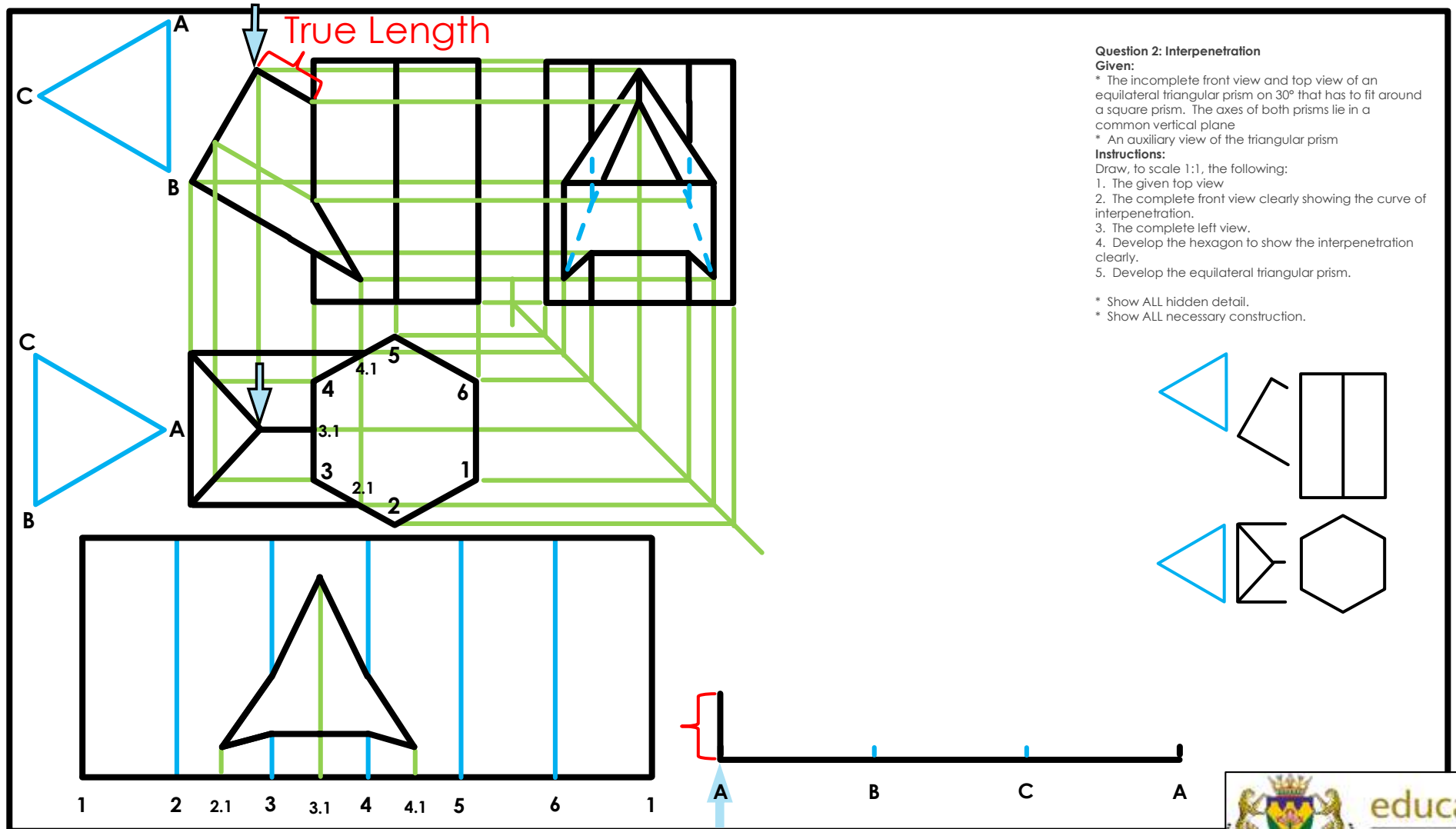
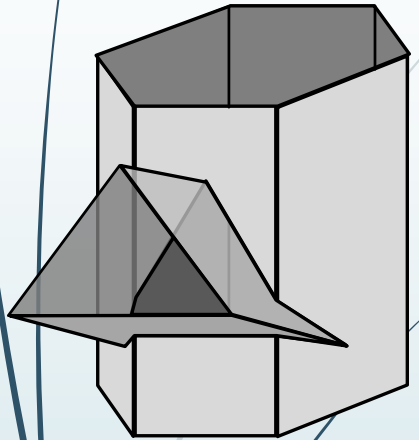
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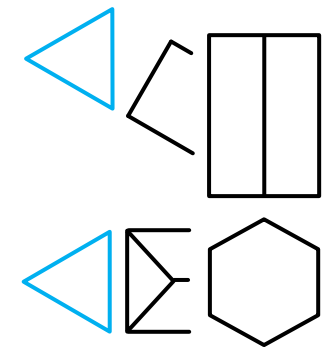
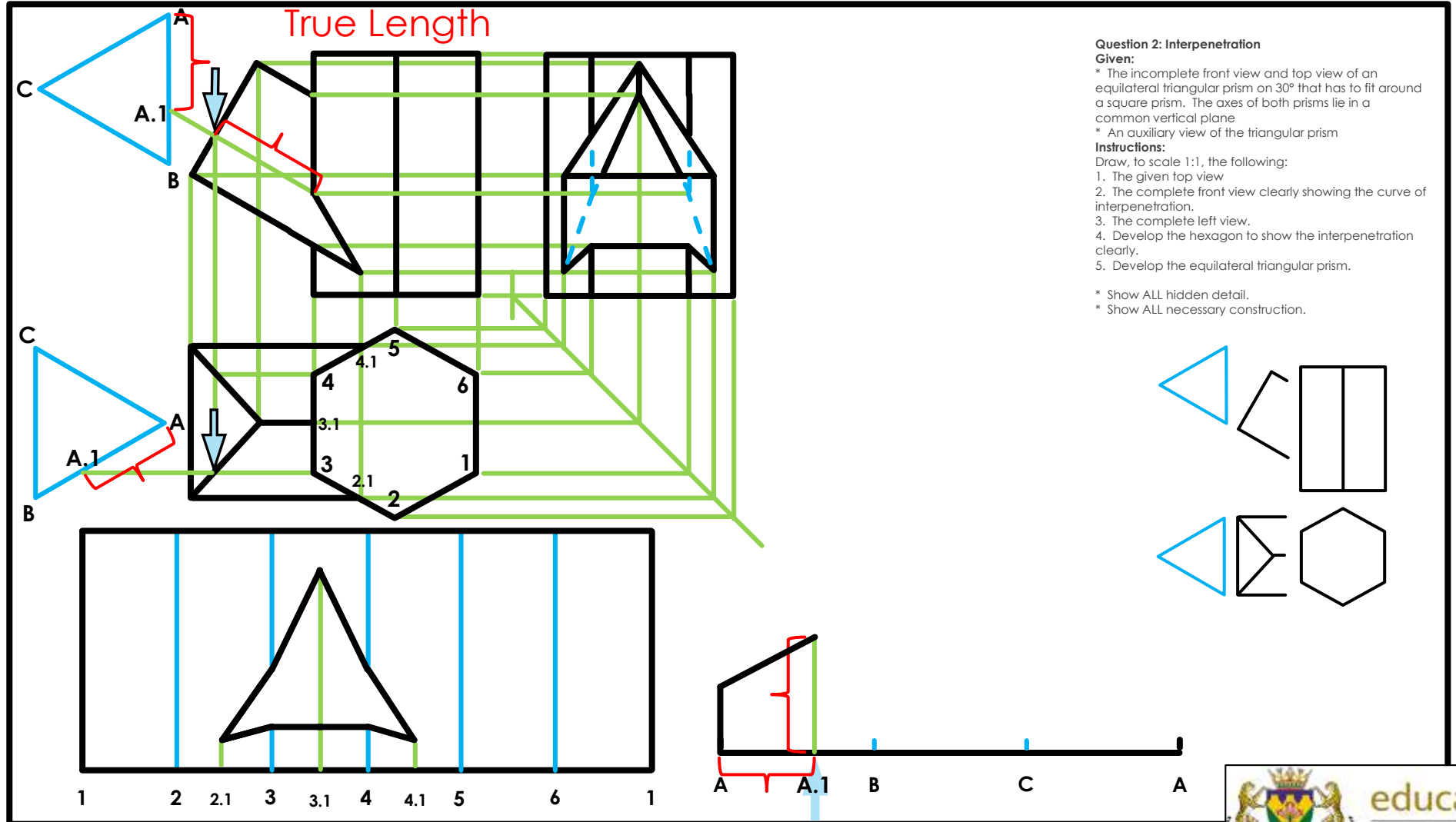
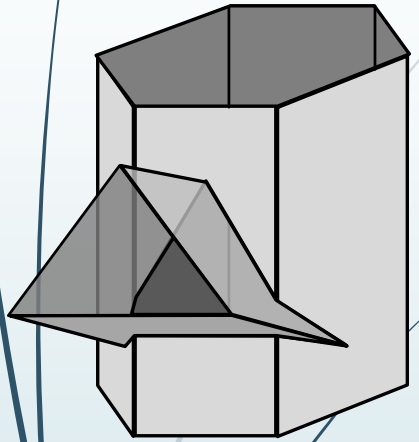
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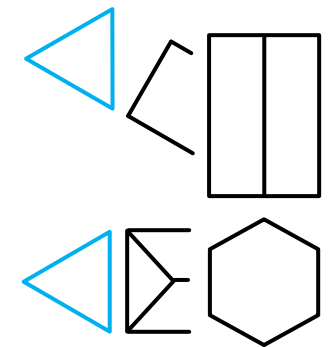
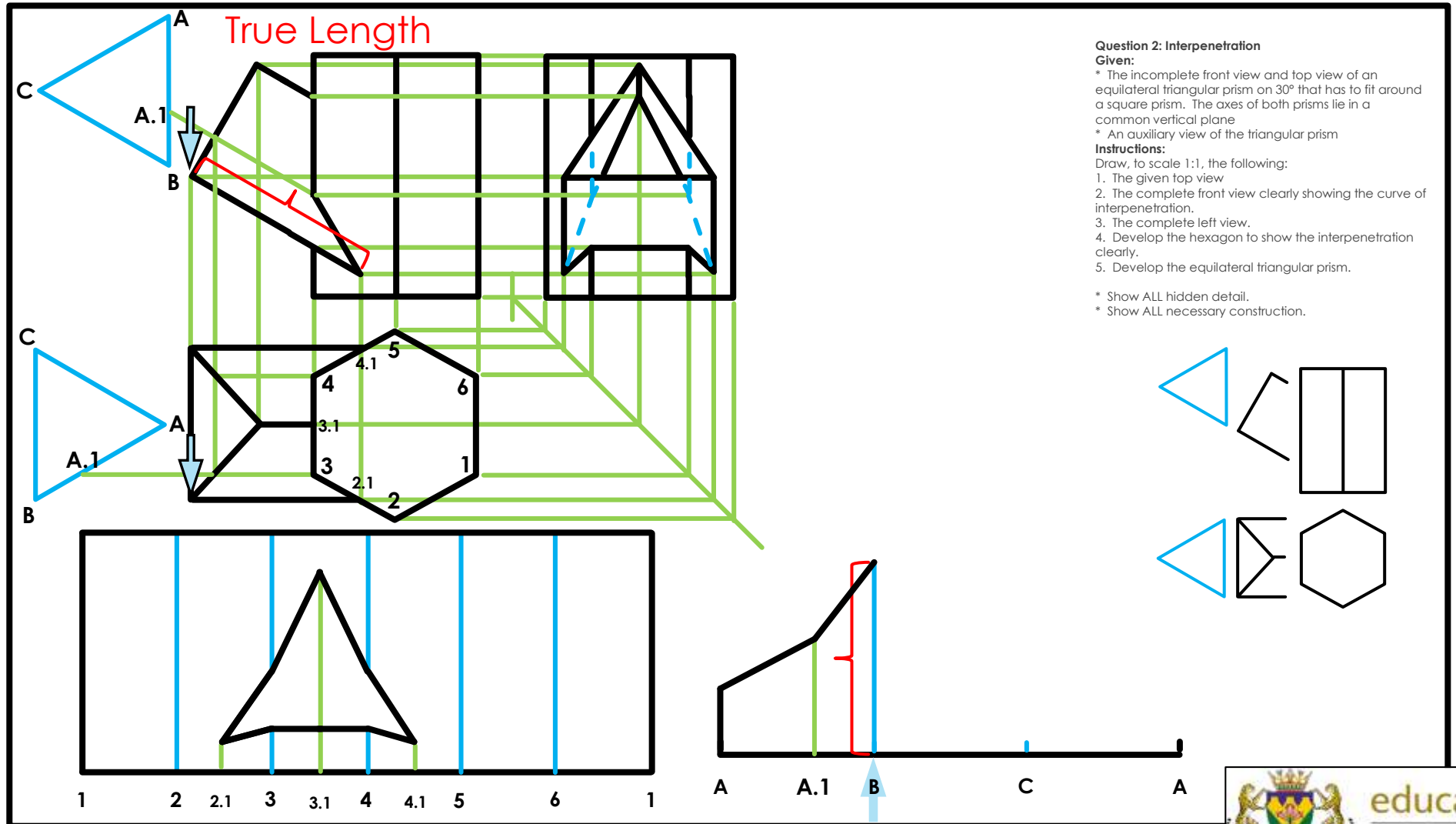
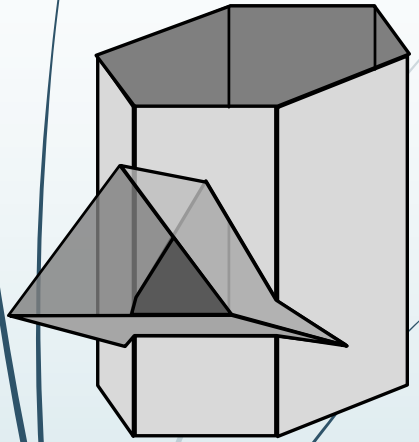
Interpenetrations & Development



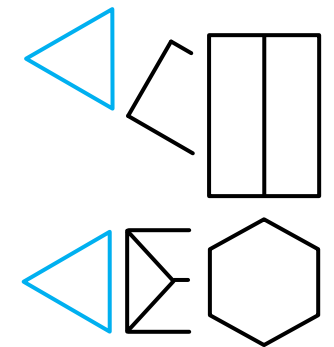
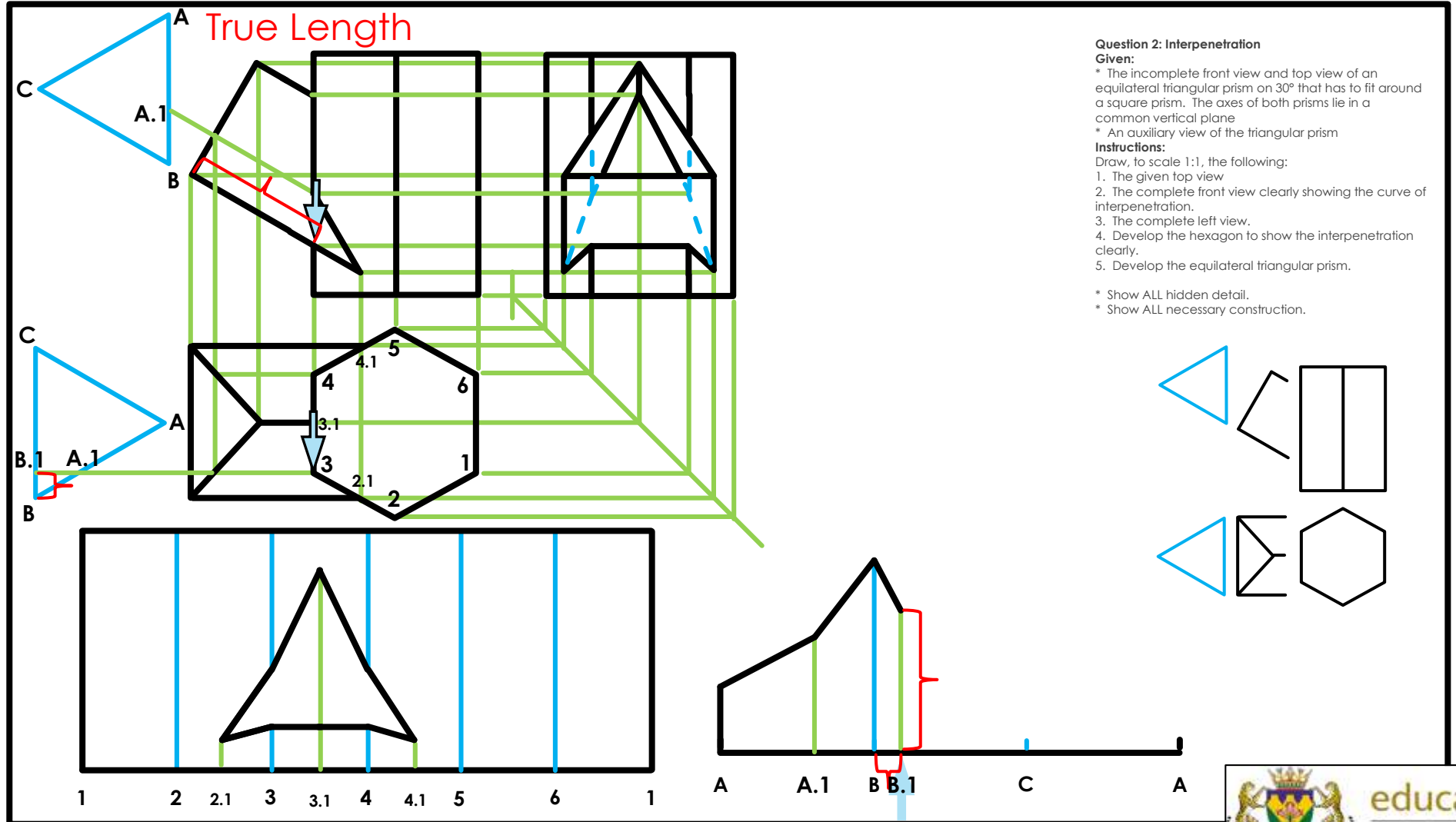
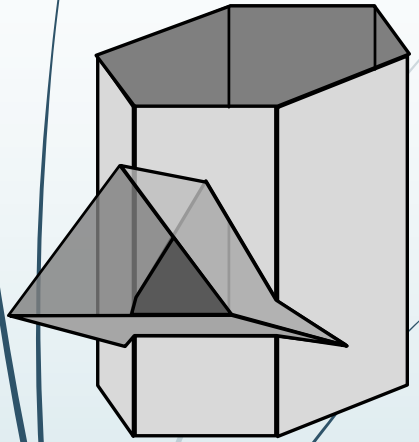
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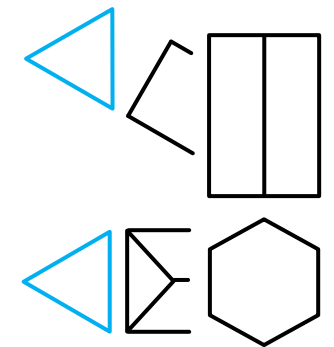
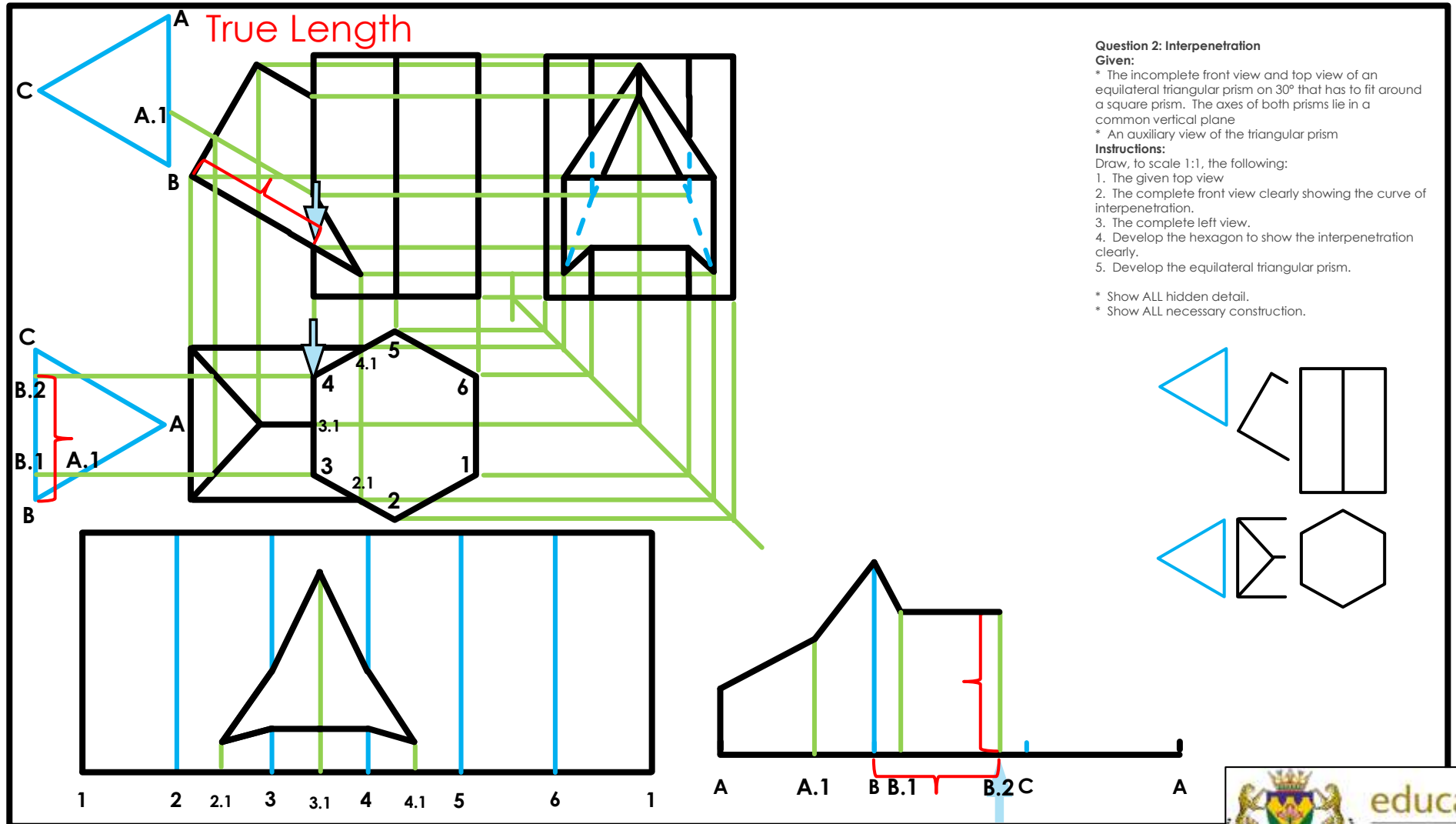
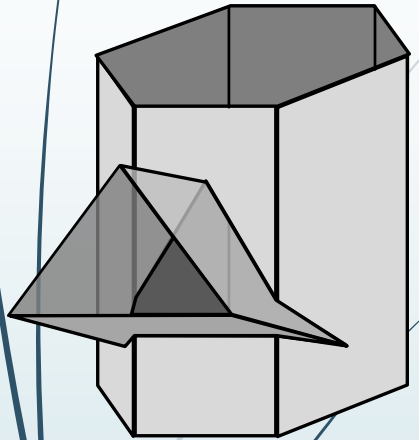
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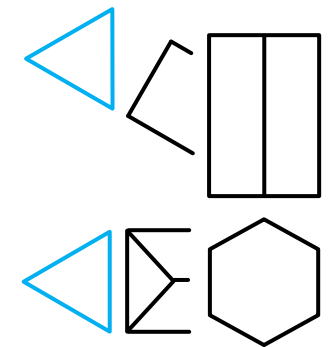
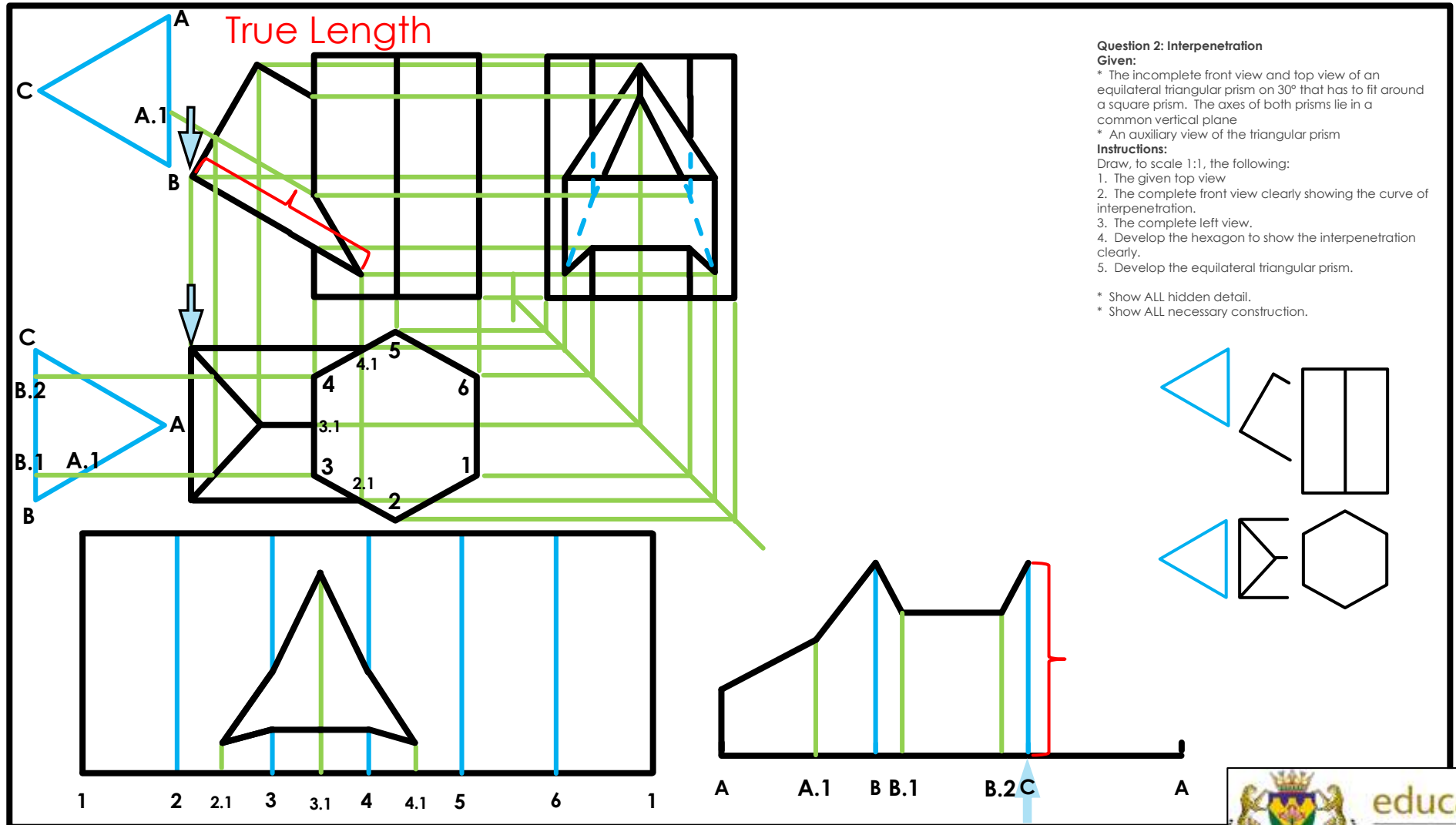
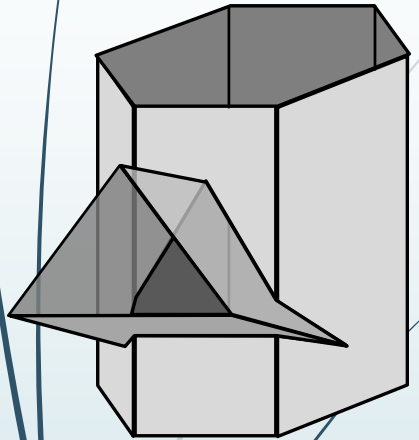
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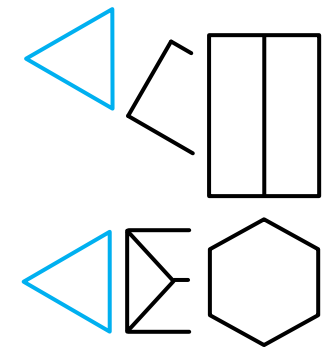
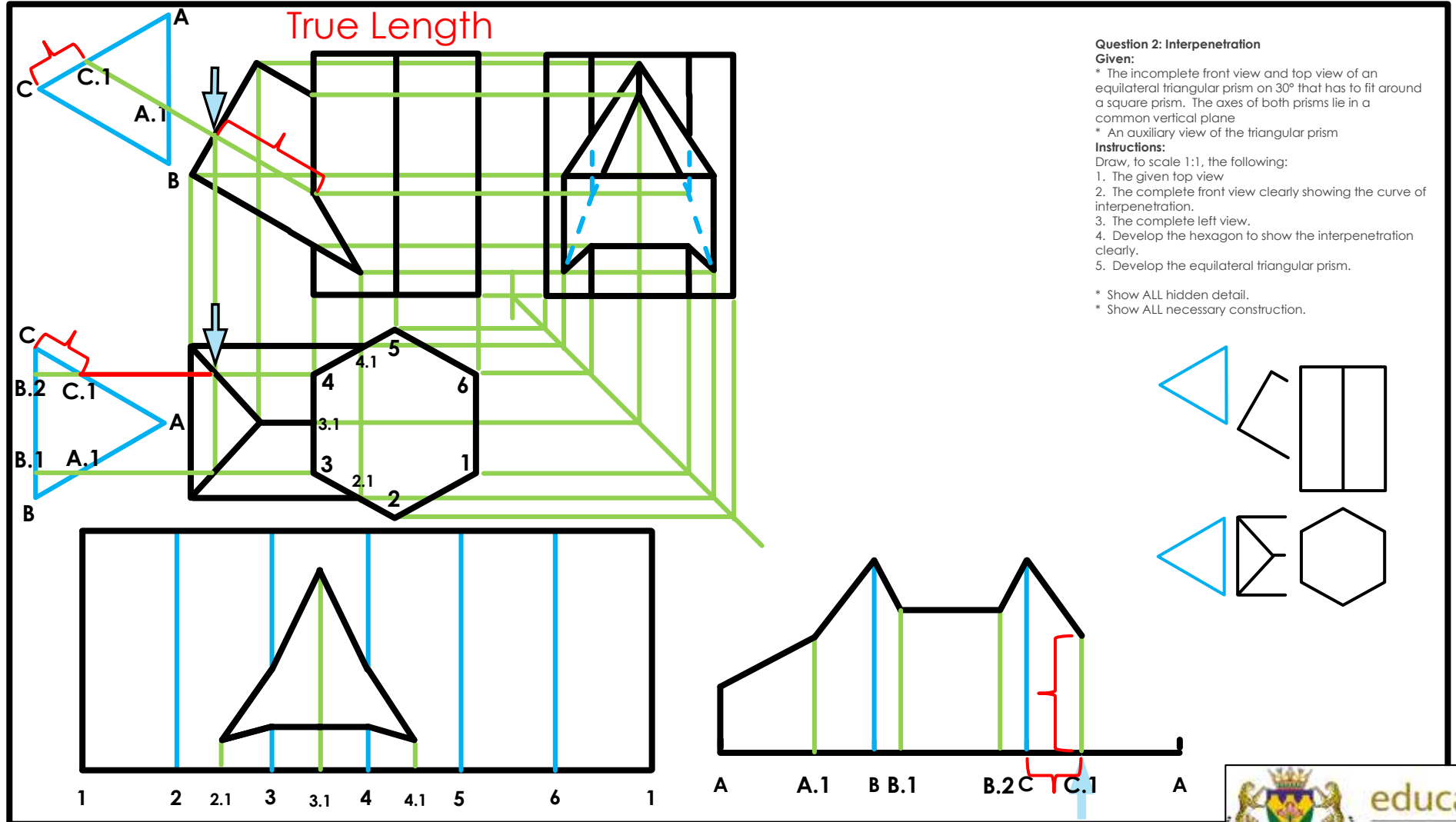
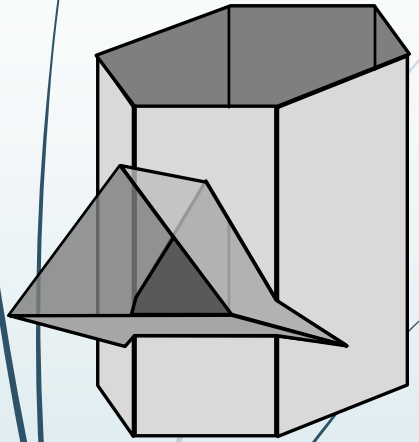
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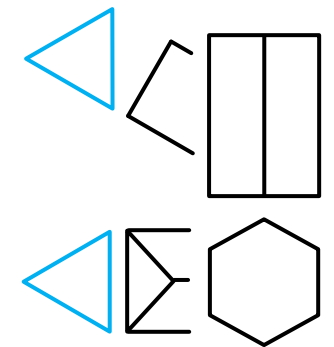
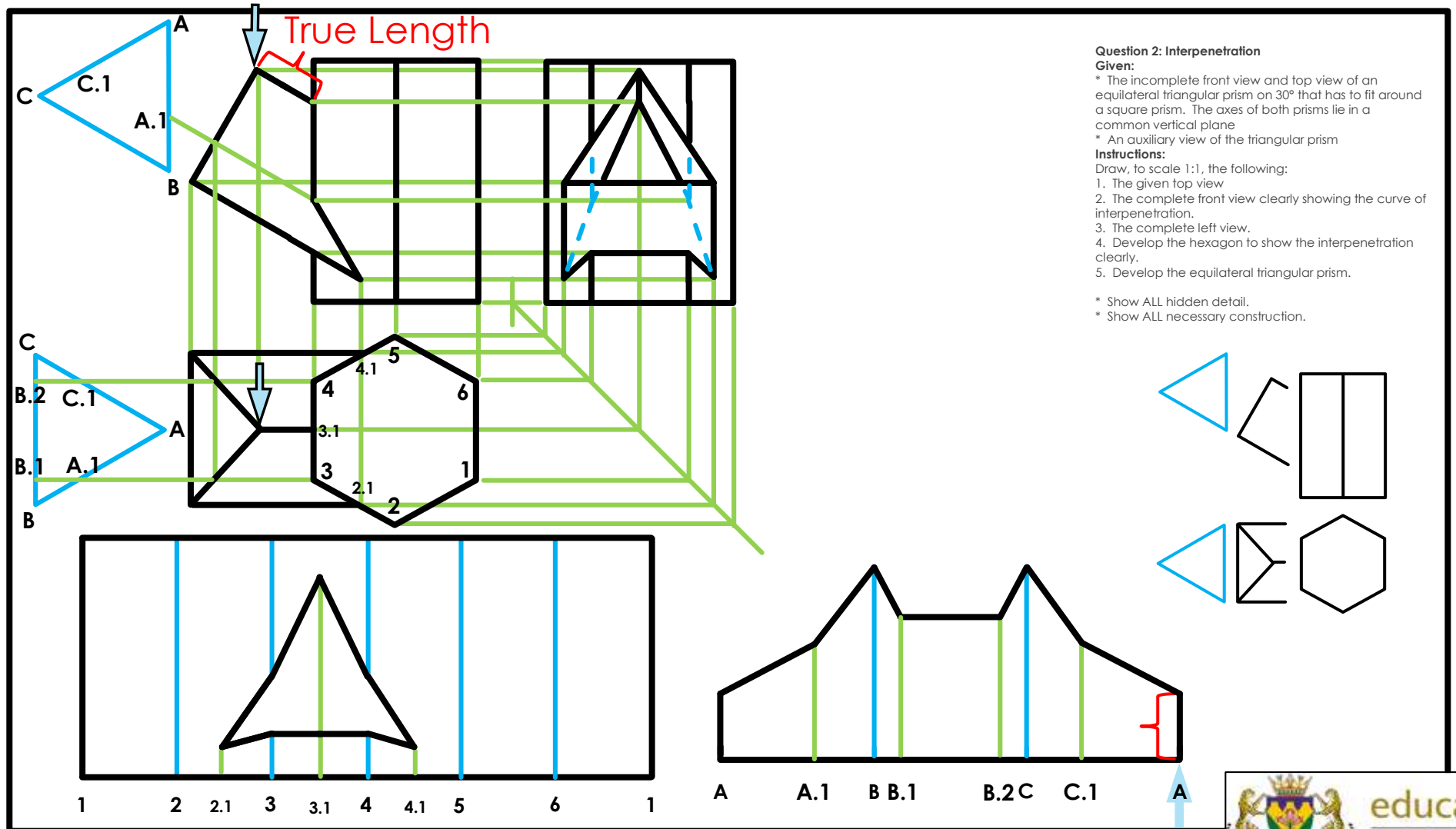
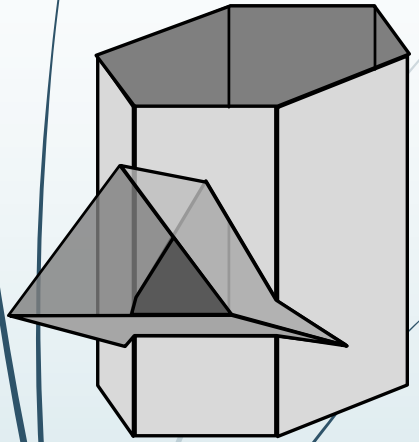
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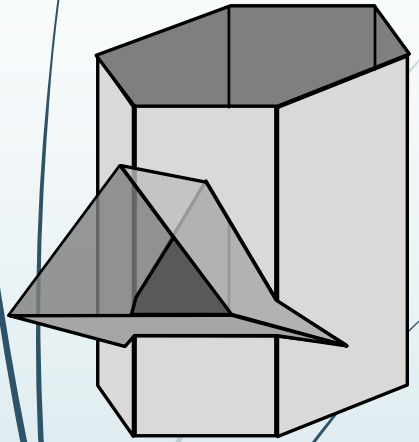
Interpenetrations & Development



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Interpenetrations & Development



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