

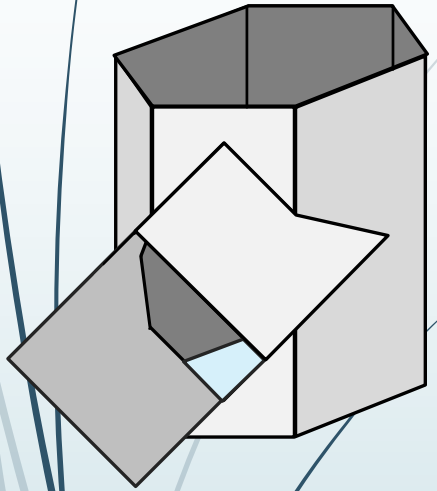
# EGD Grade 11

## Interpenetrations

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

Free State Province

# Interpenetrations



## Question 2: Interpenetration

### Given:

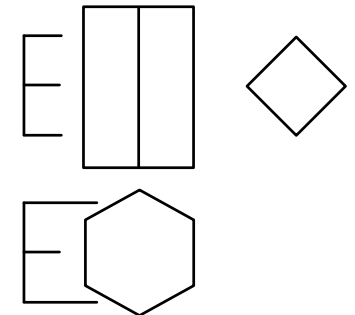
- \* The incomplete front view and top view of a square prism that has to fit around a hexagonal prism. The axes of both prisms lie in a common vertical plane
- \* An auxiliary view of the triangular prism

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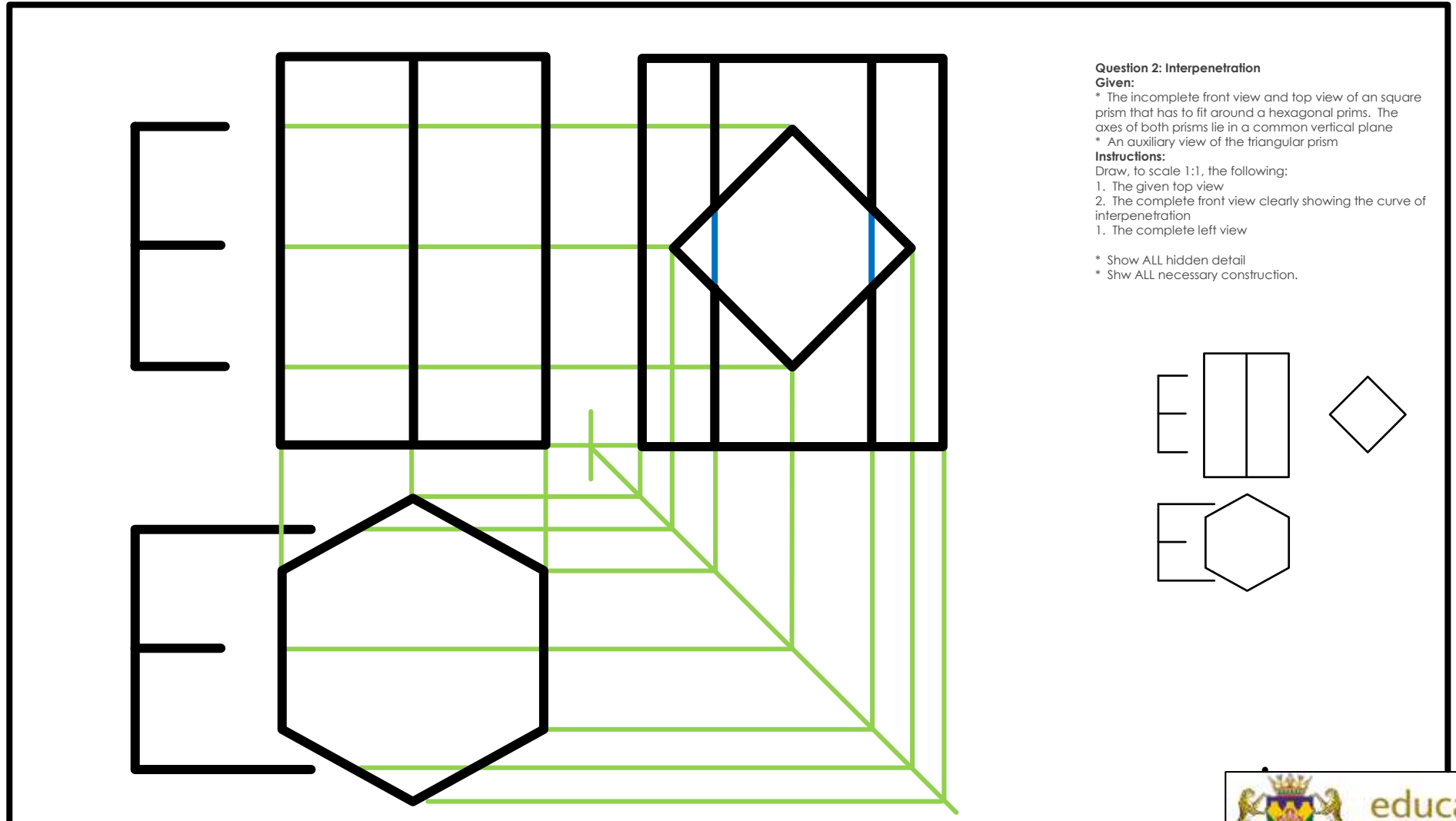
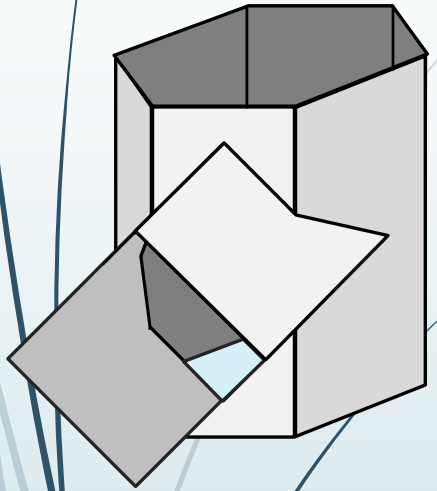
Draw, to scale 1:1, the following:

1. The given top view
2. The complete front view clearly showing the curve of interpenetration
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- \* Show ALL hidden detail
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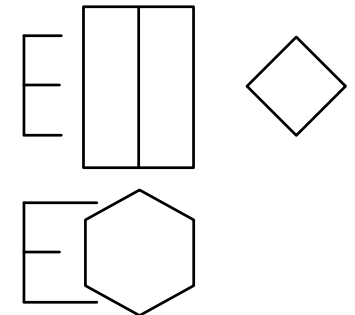
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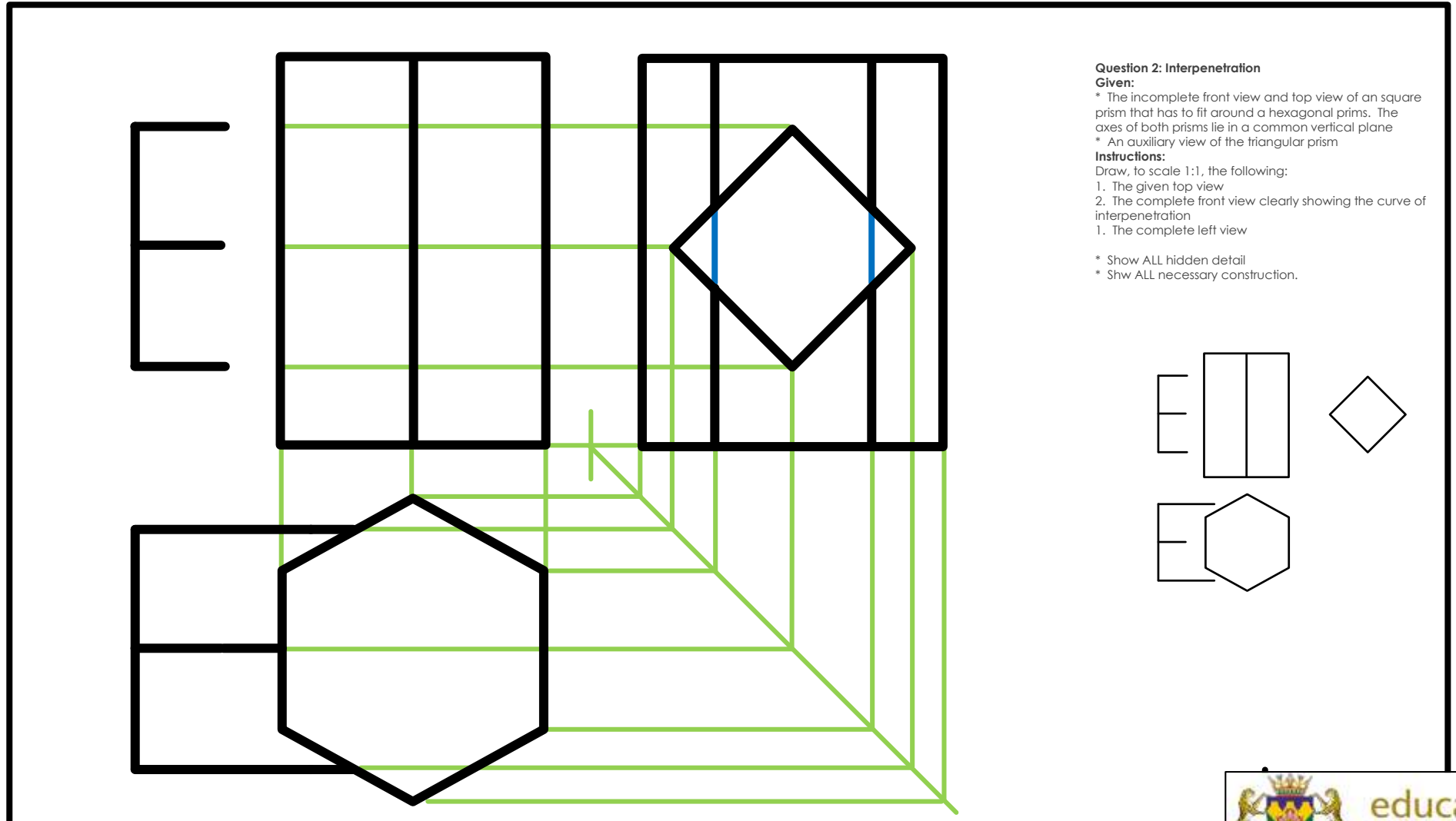
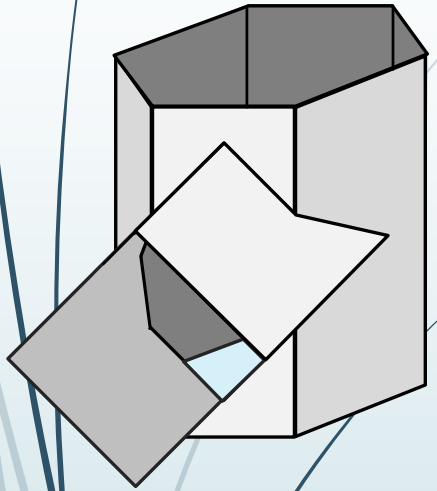
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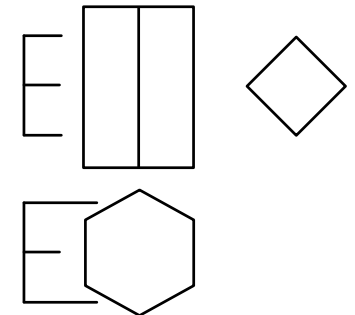
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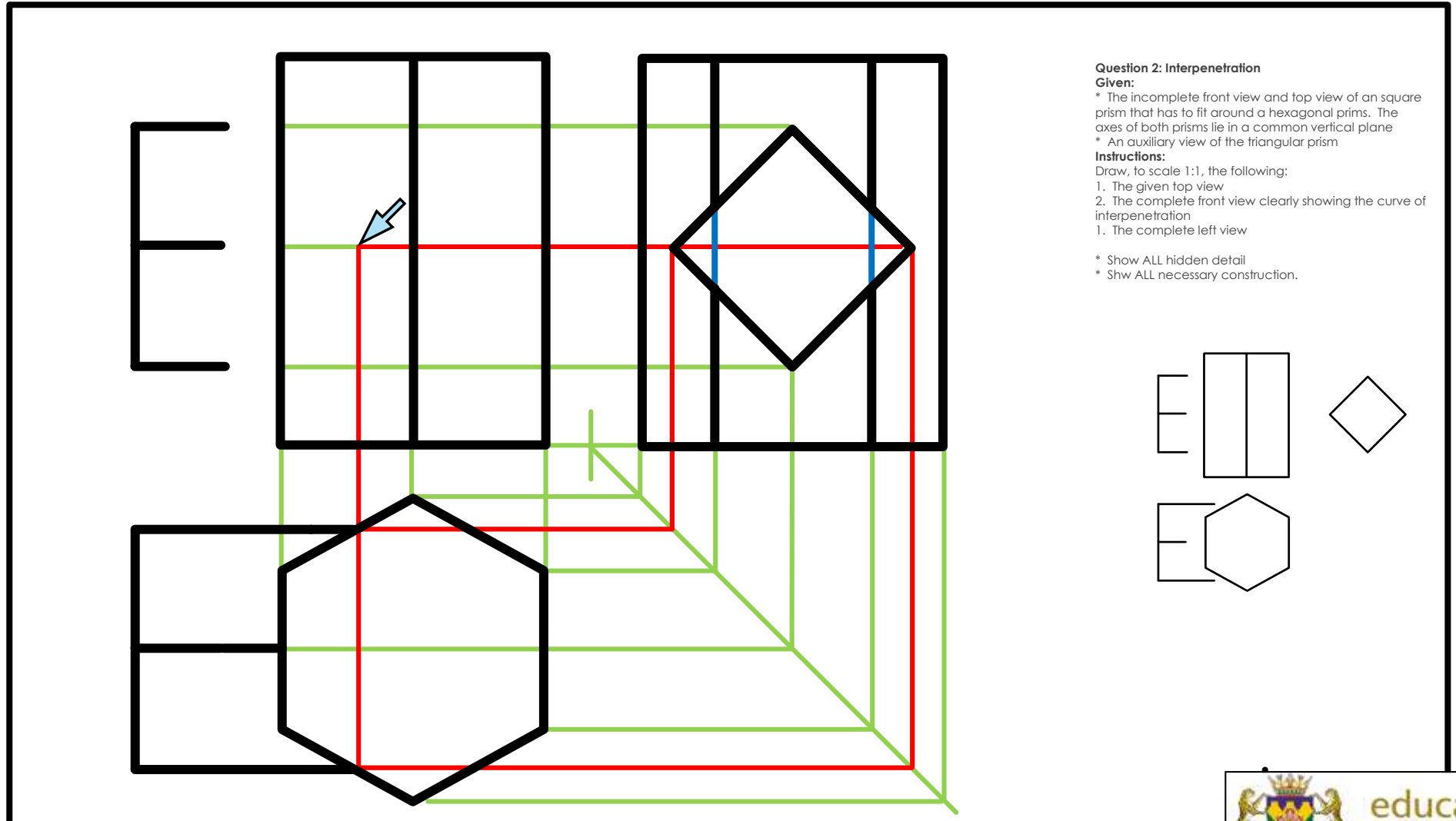
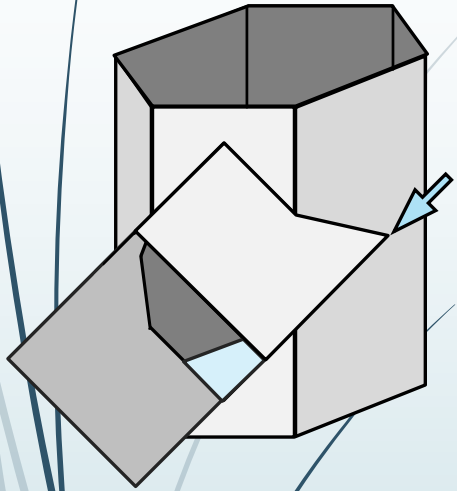
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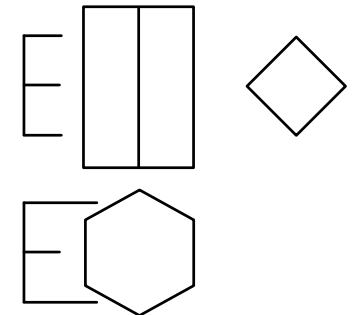
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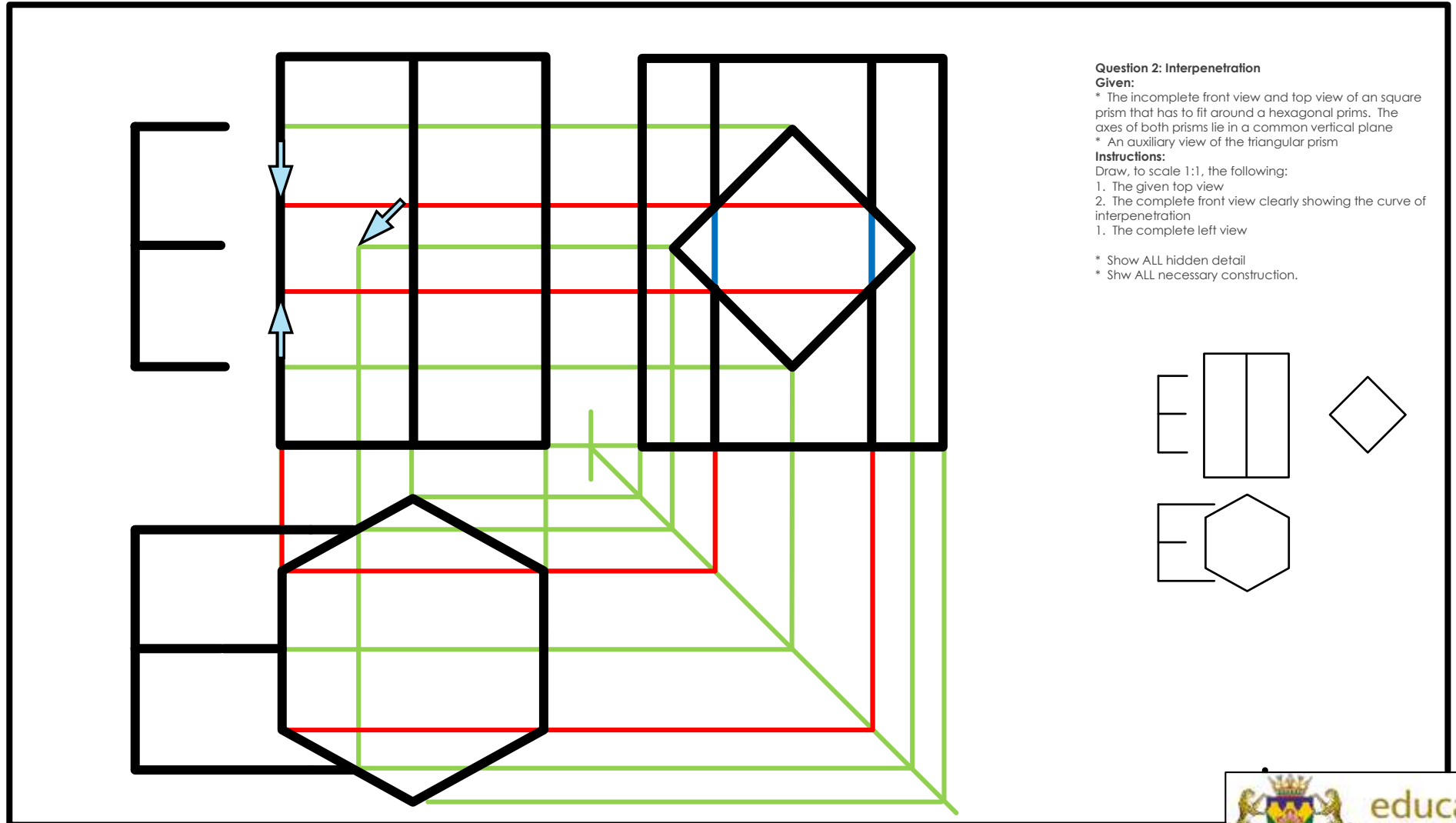
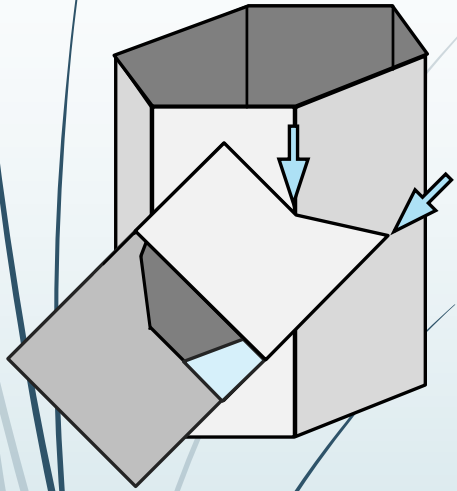
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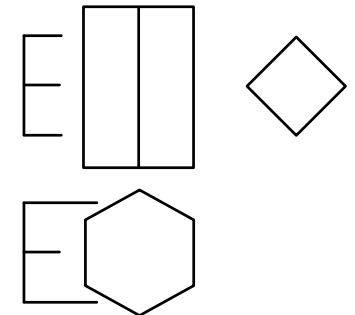
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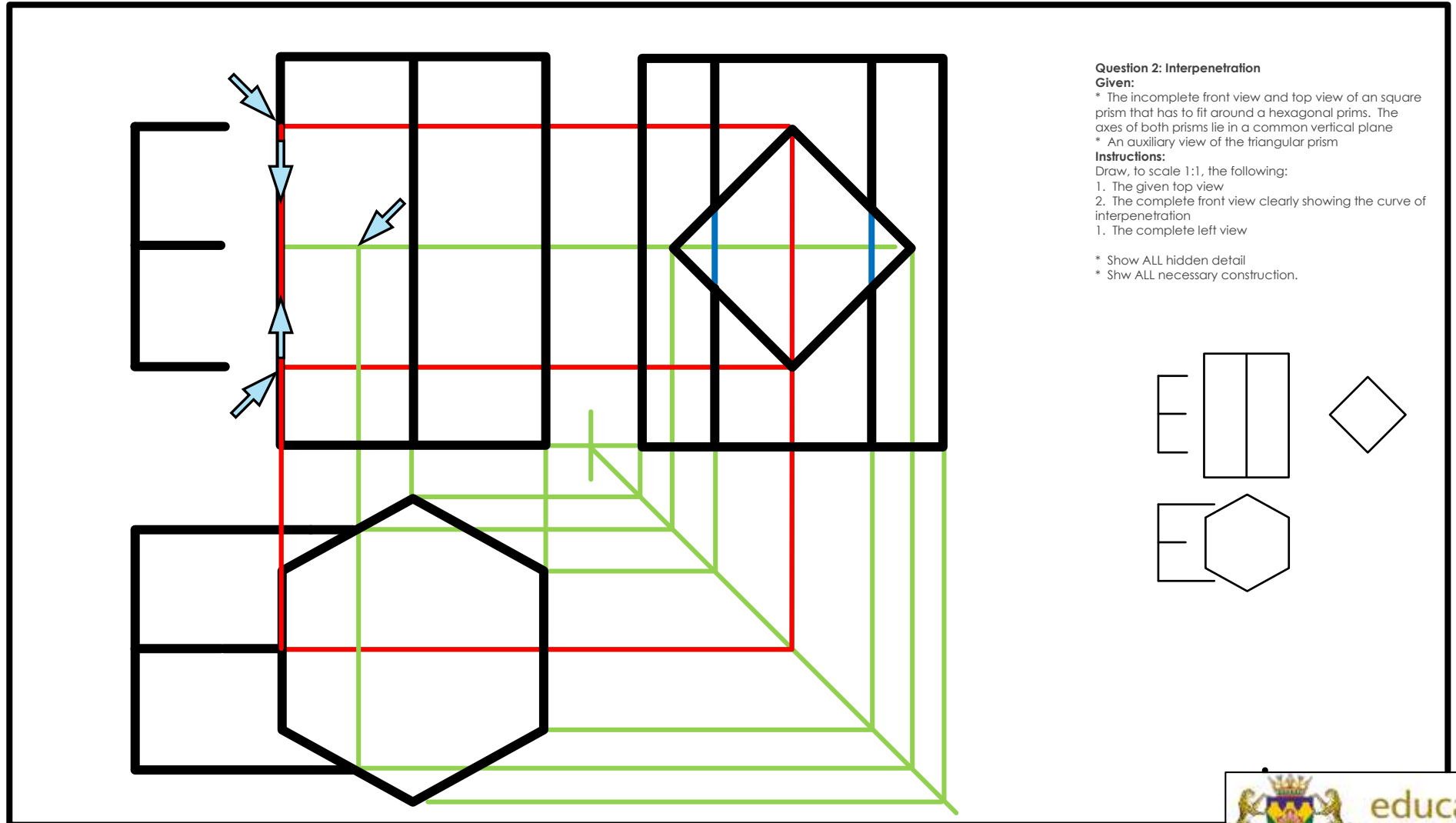
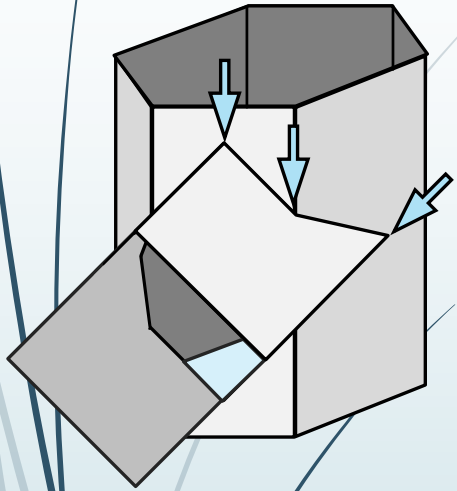
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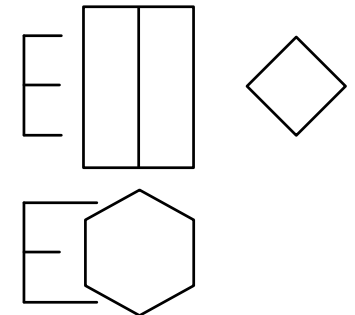
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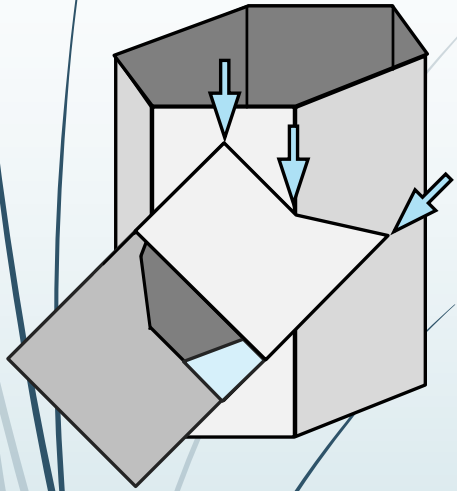
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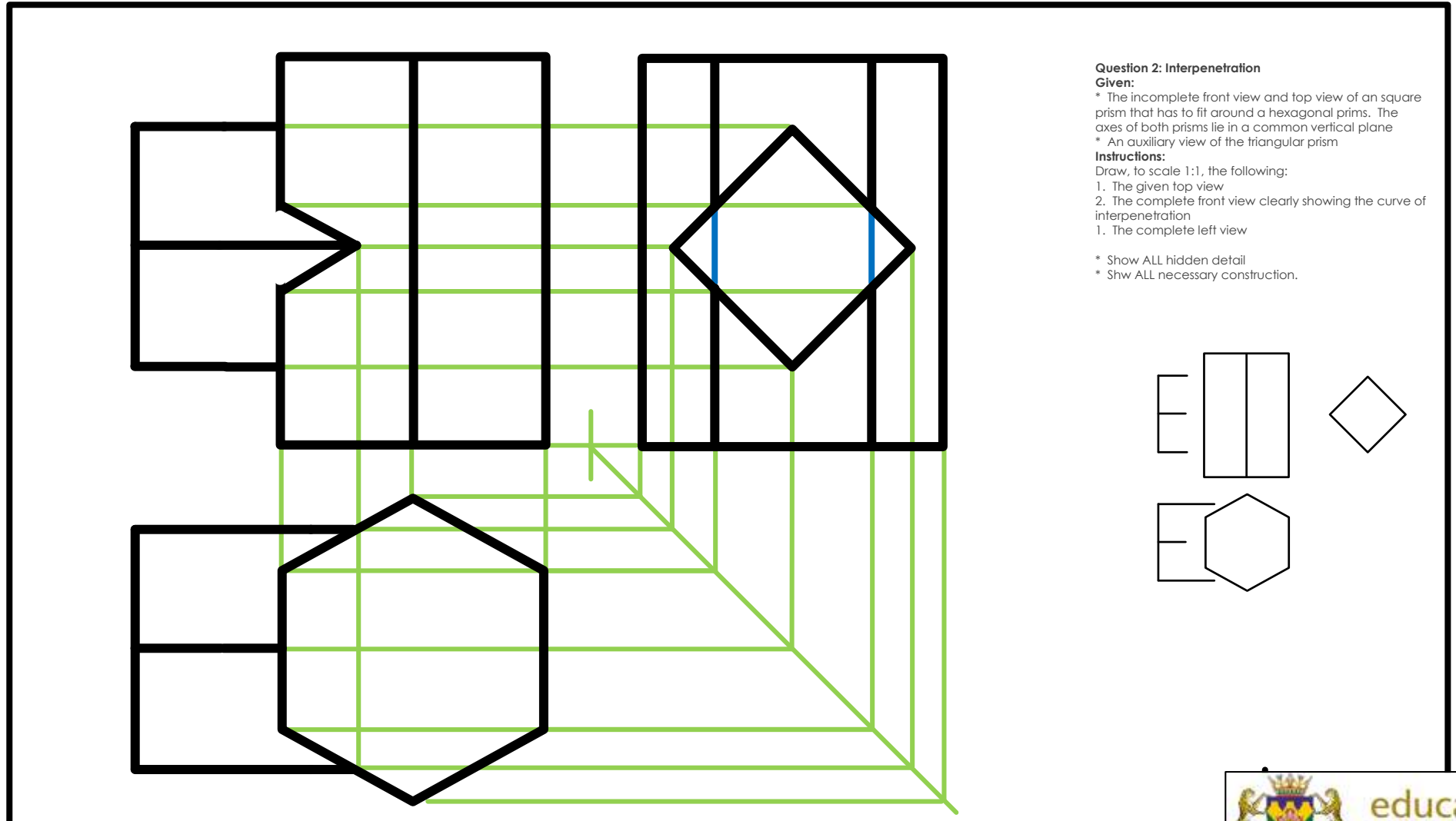
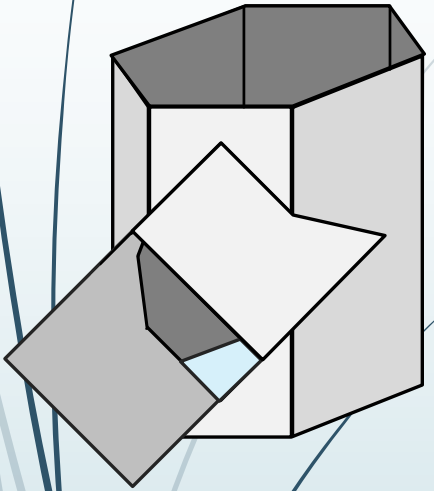


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