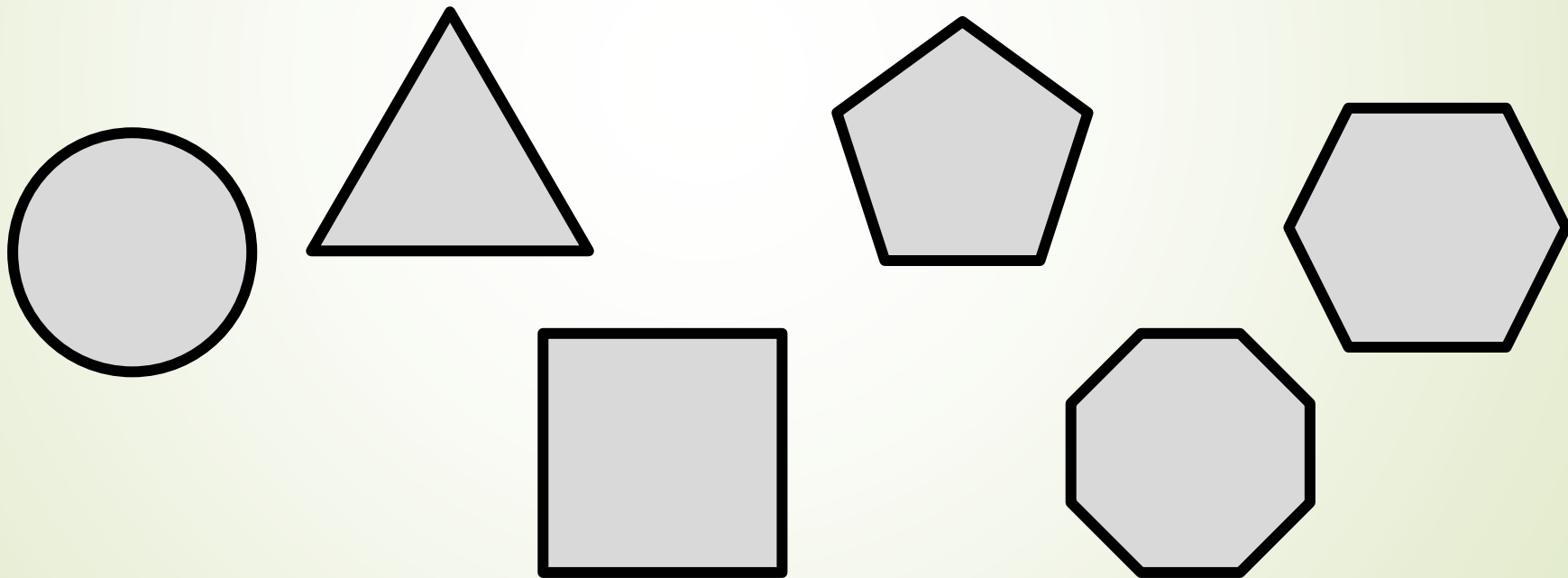




Application on polygons

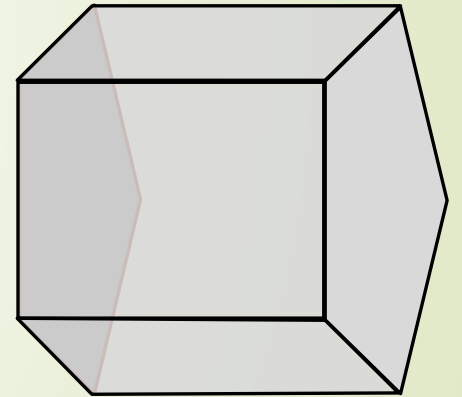
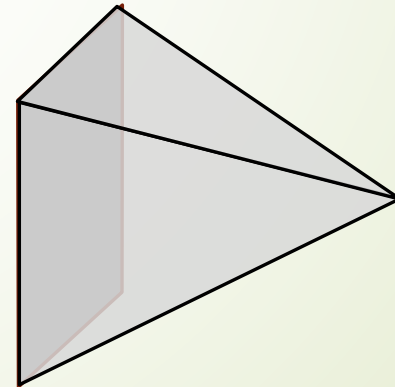
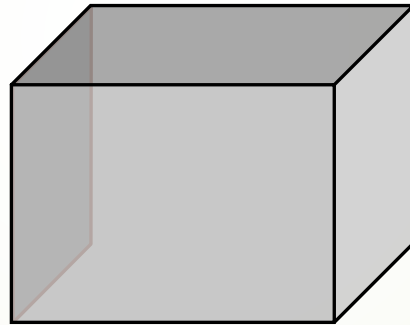
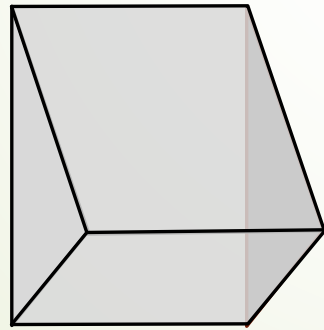
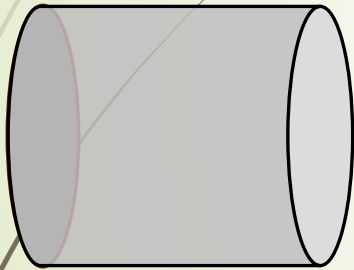
Application on polygons

- ➔ By now are familiar with the construction of polygons

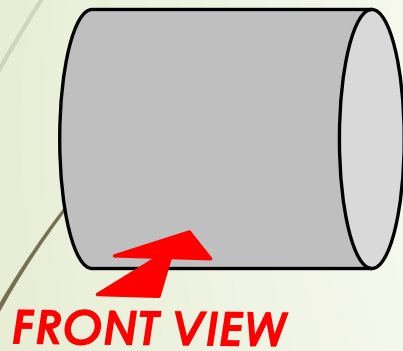


Application on polygons

- ➔ Projecting right regular pyramids, prisms, cones and cylinders from polygons.



Application on polygons



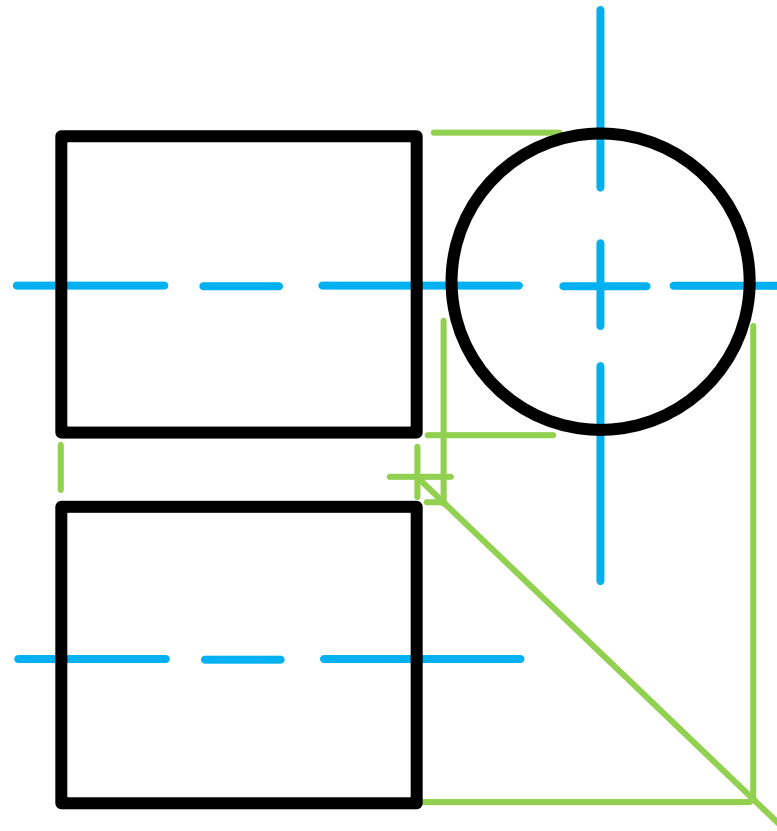
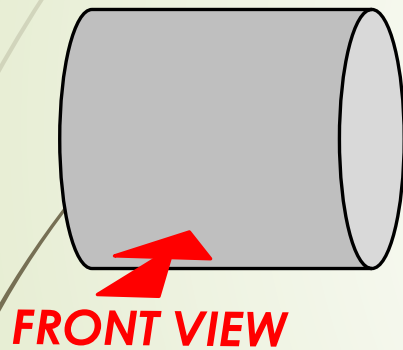
Given:
A cylinder

Question:
In F.A.O.P. draw...

1. A front view
2. A left view
3. A top view



Application on polygons



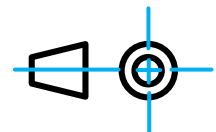
Given:

A cylinder

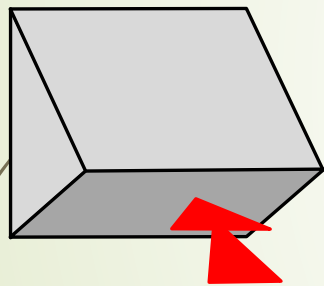
Question:

In F.A.O.P. draw...

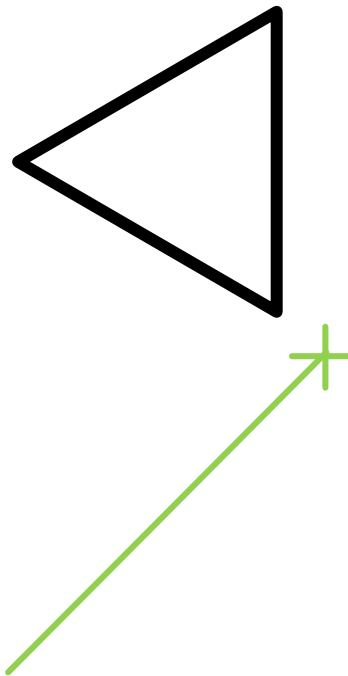
1. A front view
2. A left view
3. A top view



Application on polygons



FRONT VIEW



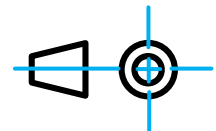
Given:

A triangular prism

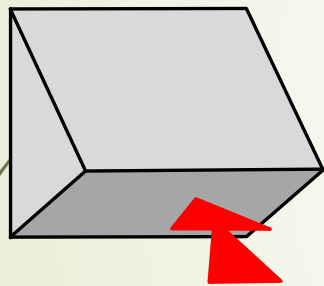
Question:

In F.A.O.P. draw...

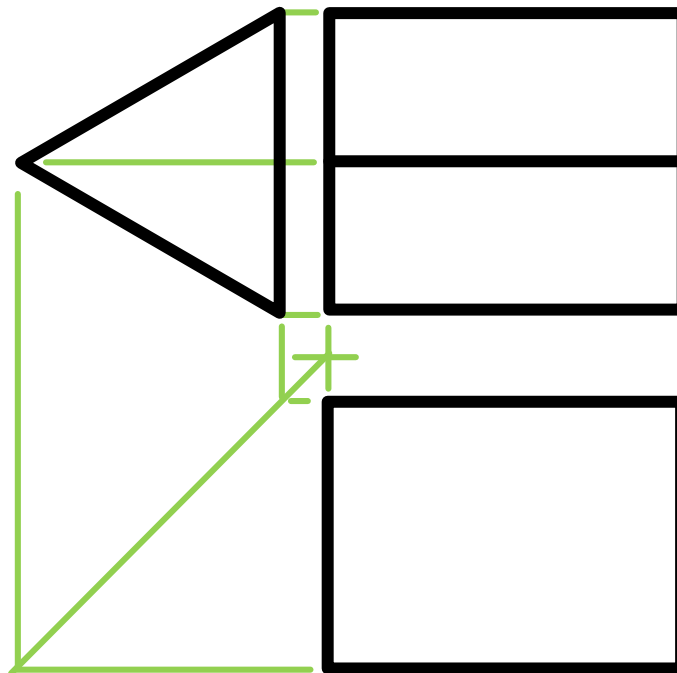
1. A front view
2. A right view
3. A top view



Application on polygons



FRONT VIEW



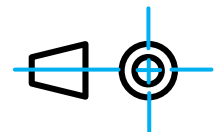
Given:

A triangular prism

Question:

In F.A.O.P. draw...

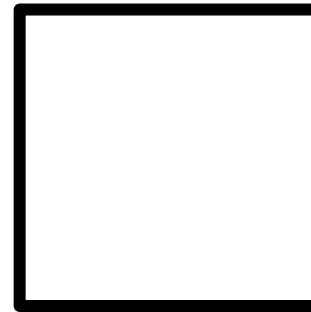
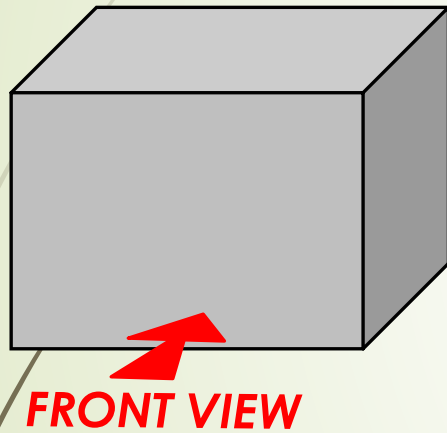
1. A front view
2. A right view
3. A top view



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Application on polygons



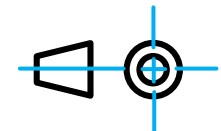
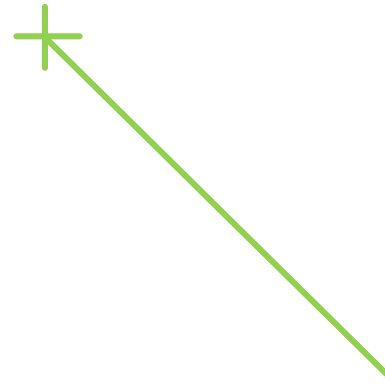
Given:

A square prism

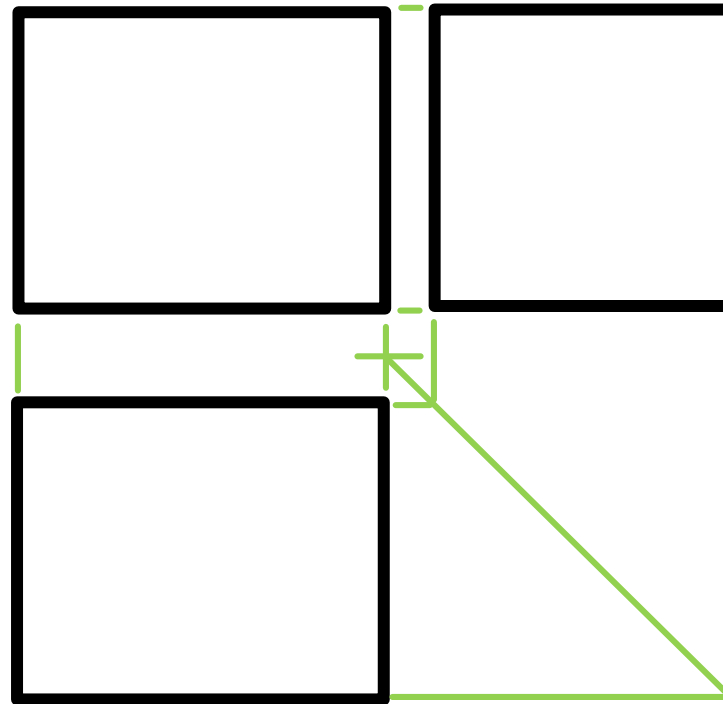
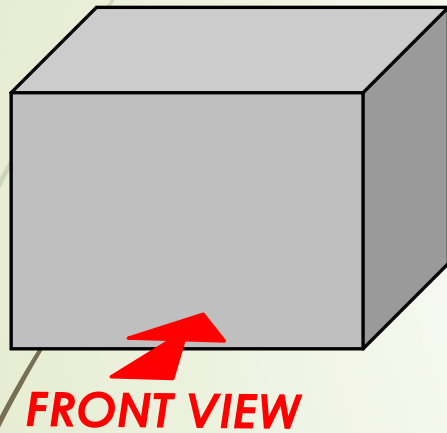
Question:

In F.A.O.P. draw...

1. A front view
2. A left view
3. A top view



Application on polygons



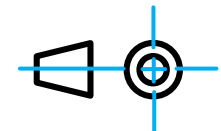
Given:

A square prism

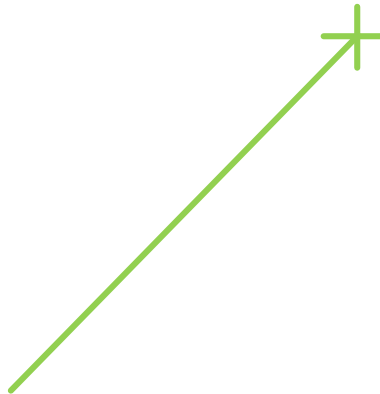
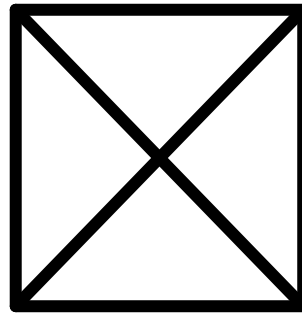
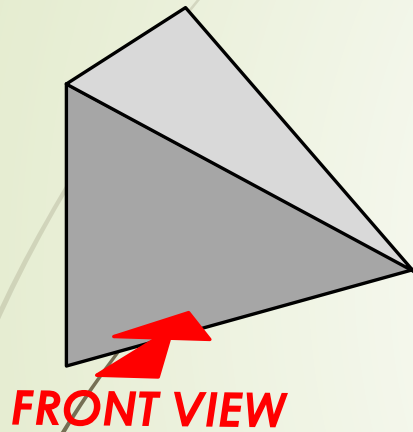
Question:

In F.A.O.P. draw...

1. A front view
2. A left view
3. A top view



Application on polygons



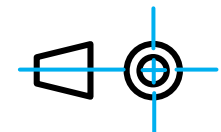
Given:

A square pyramid

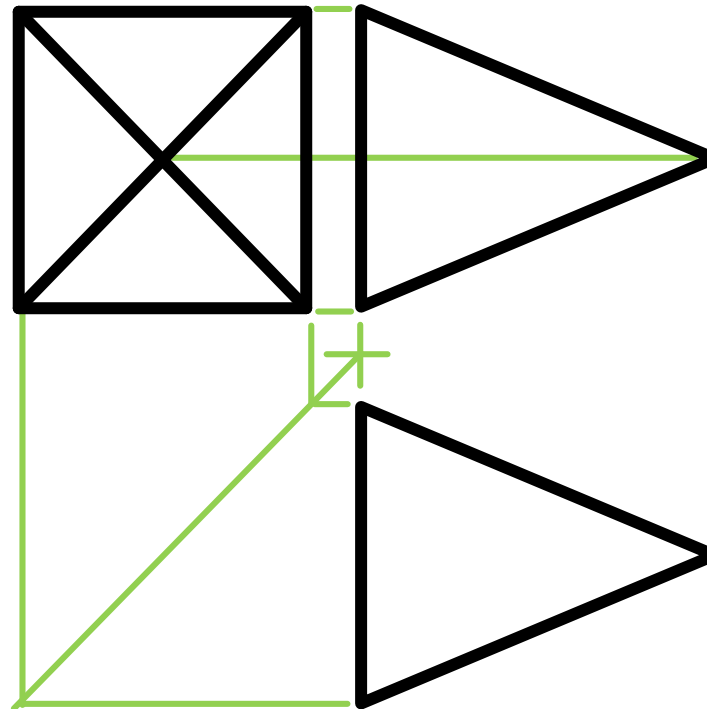
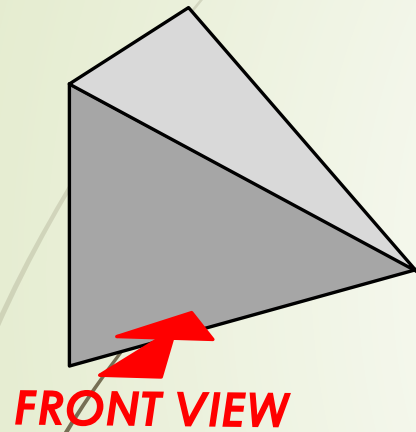
Question:

In F.A.O.P. draw...

1. A front view
2. A right view
3. A top view



Application on polygons



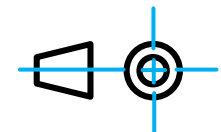
Given:

A square pyramid

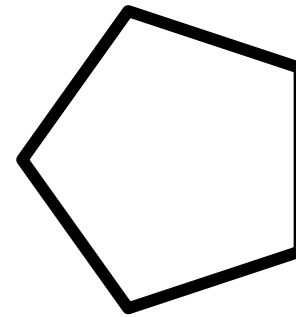
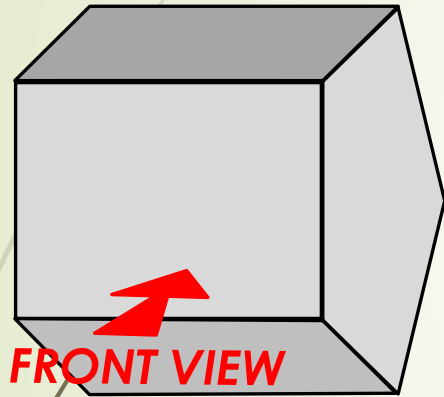
Question:

In F.A.O.P. draw...

1. A front view
2. A right view
3. A top view



Application on polygons



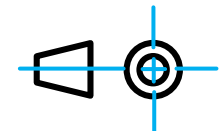
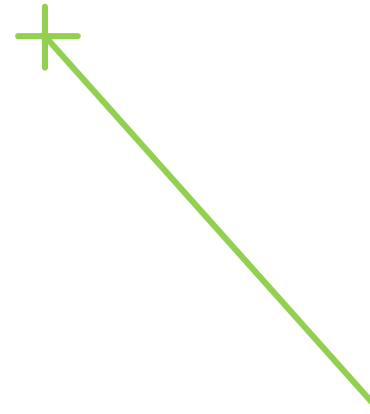
Given:

A pentagonal prism

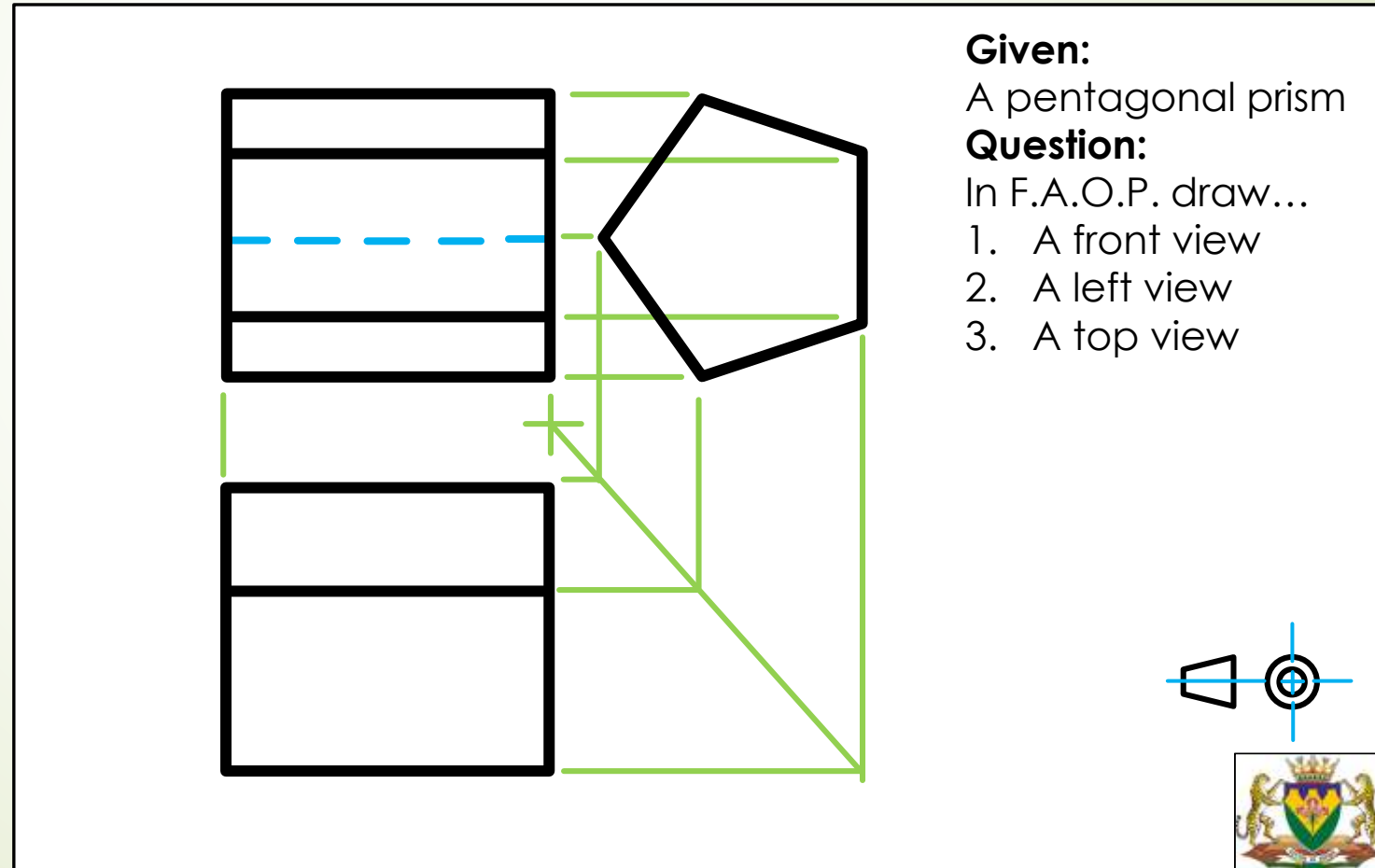
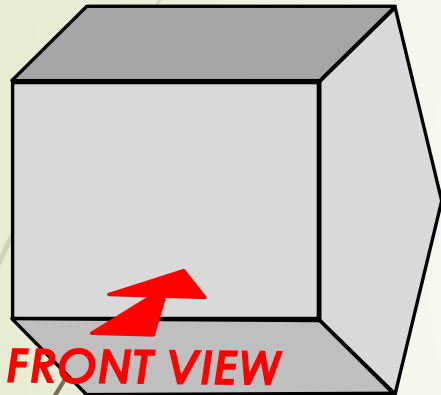
Question:

In F.A.O.P. draw...

1. A front view
2. A left view
3. A top view



Application on polygons



The diagram illustrates the orthographic projection of a pentagonal prism. It shows two views: a front view (top) and a left view (bottom). The front view is a rectangle with a dashed blue line representing the hidden back edge. The left view is a pentagon. Green projection lines connect the two views. A blue crosshair symbol is at the bottom right of the diagram area.

Given:
A pentagonal prism

Question:
In F.A.O.P. draw...

1. A front view
2. A left view
3. A top view