



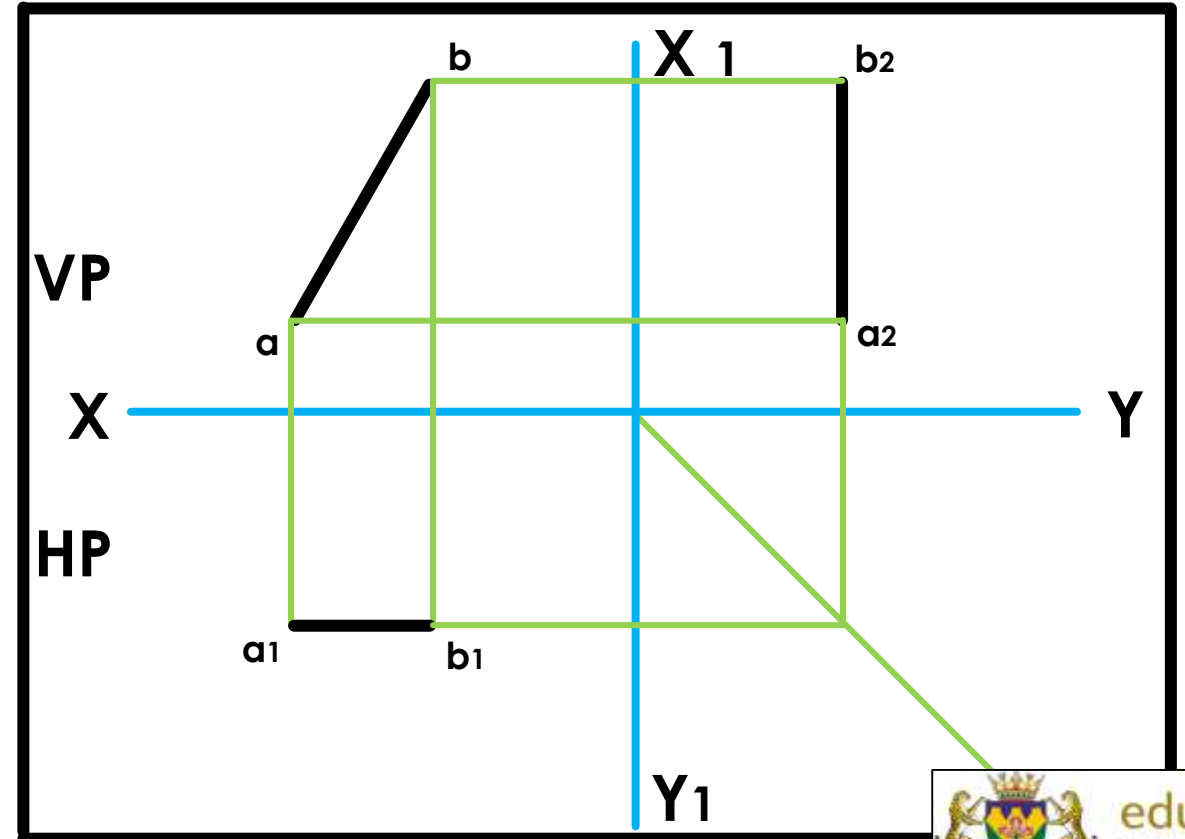
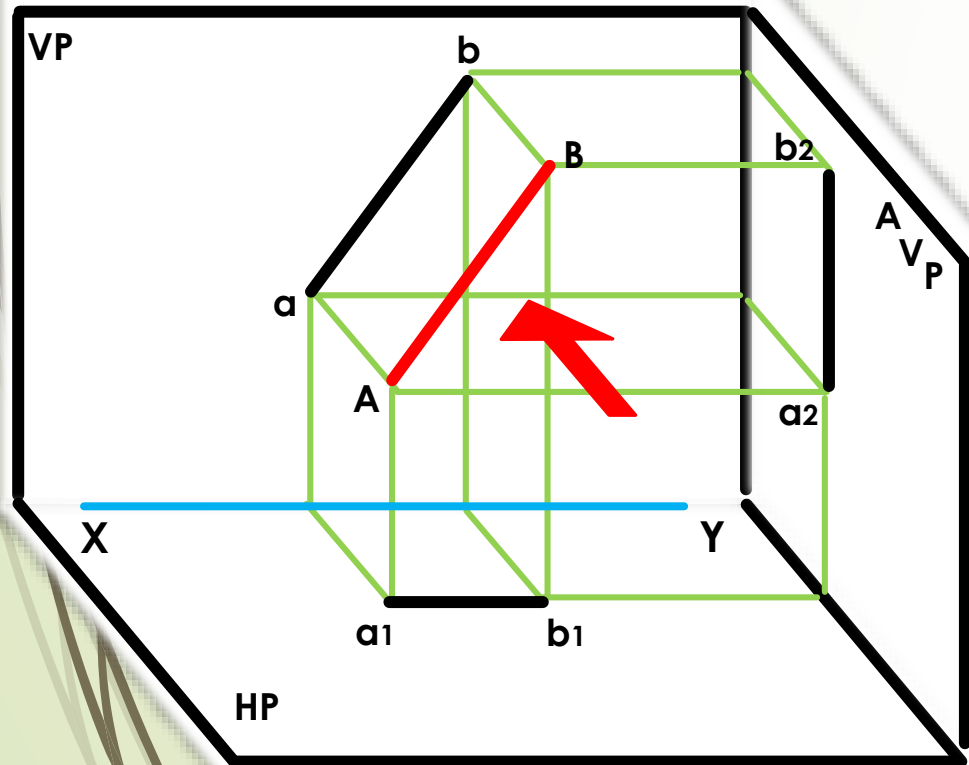
DESCRIPTIVE GEOMETRY

Drawing Principles

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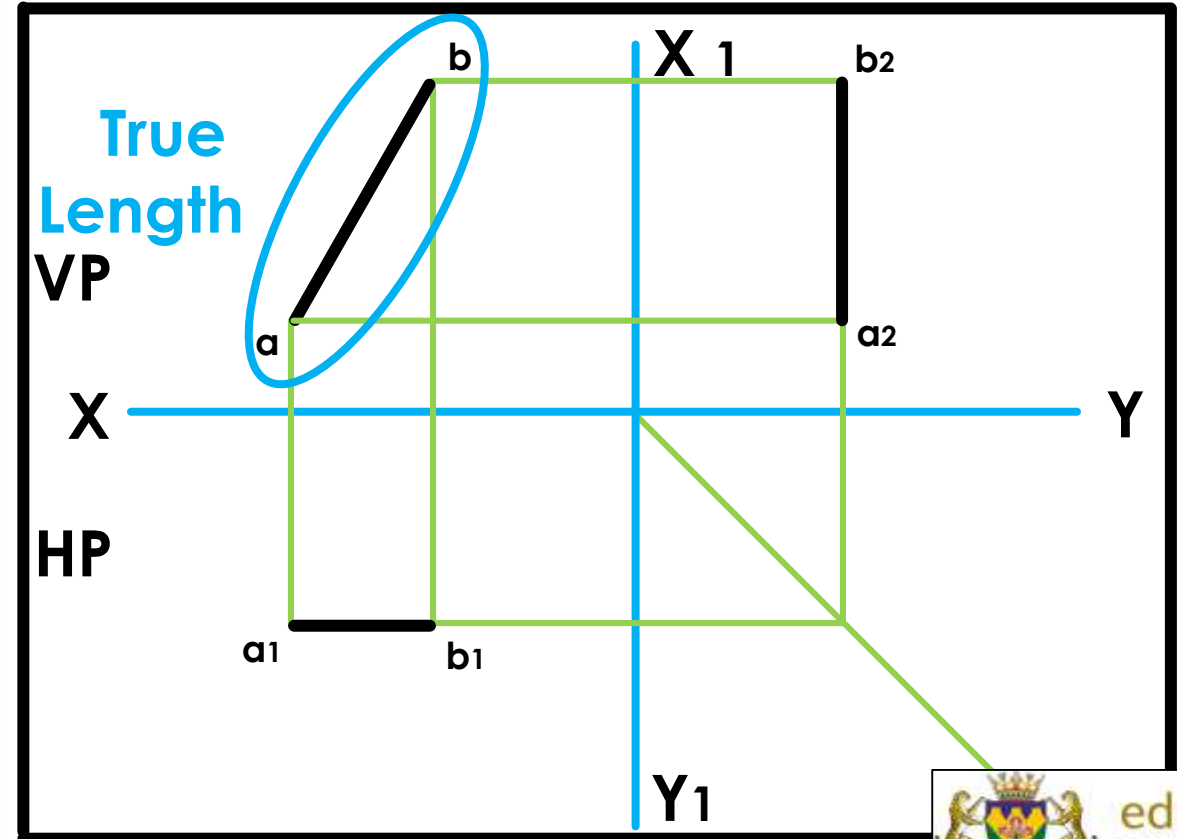
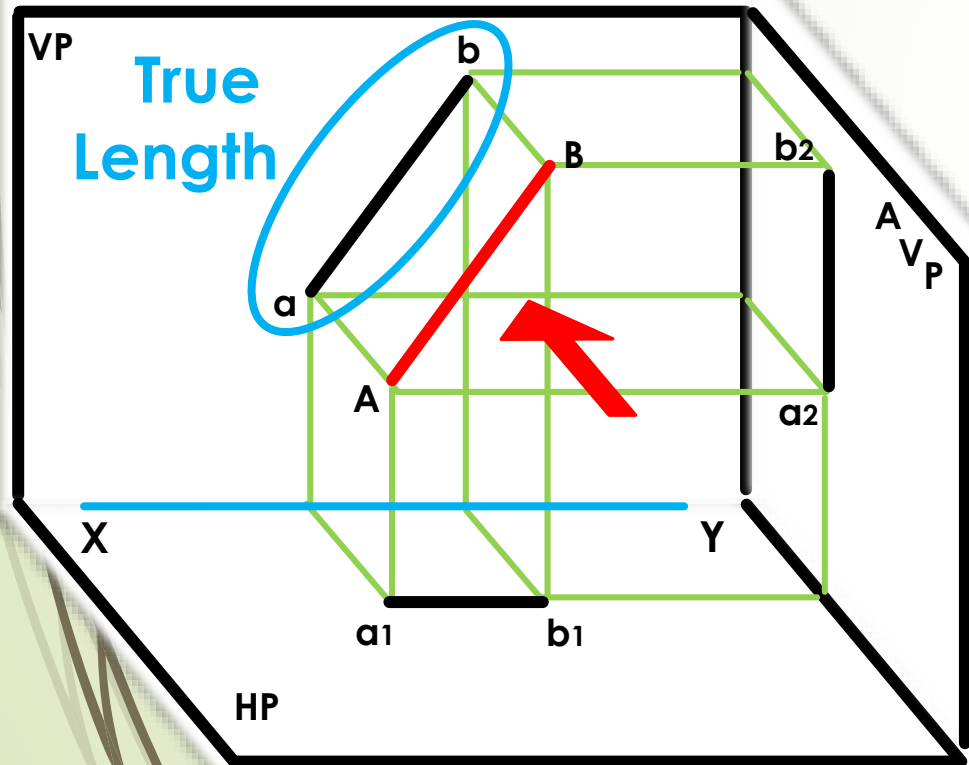
DESCRIPTIVE GEOMETRY

- ➔ To be able to measure the true length of a line, it must be viewed at 90° .



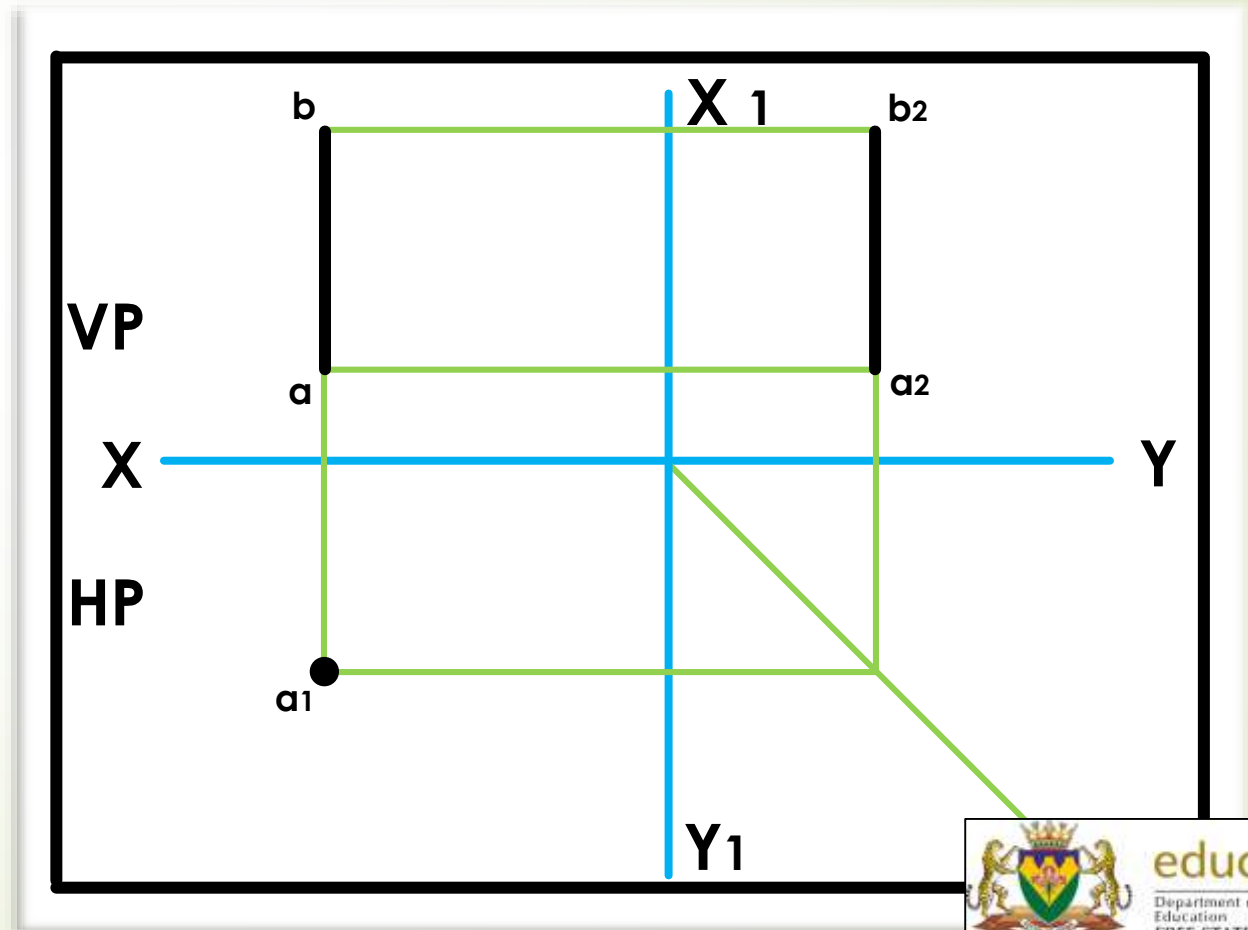
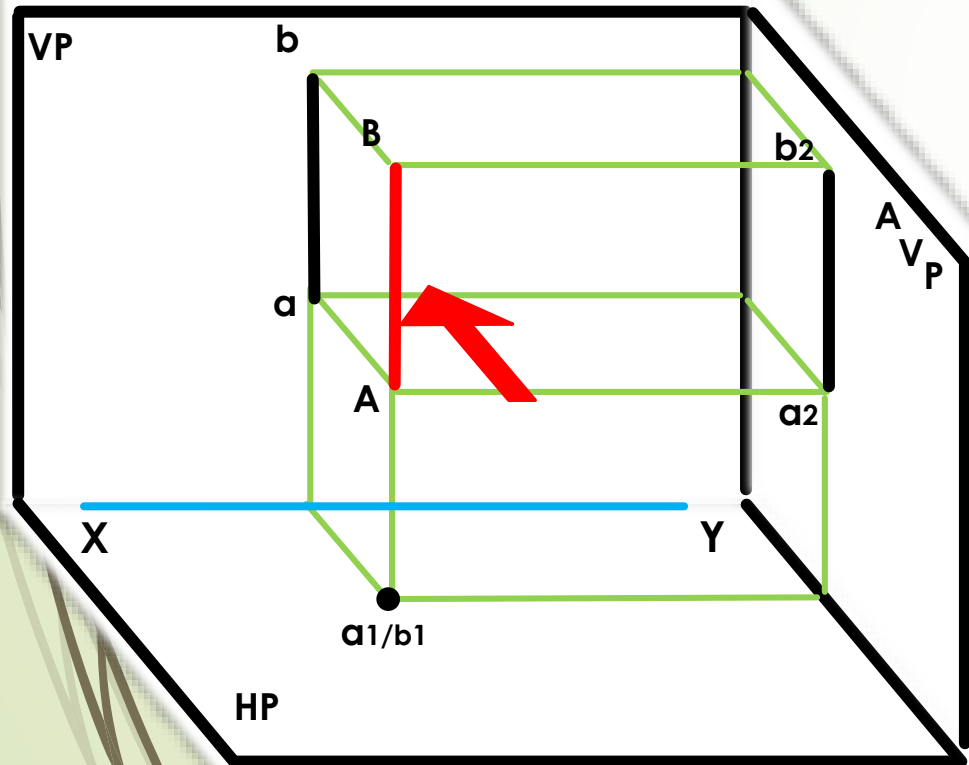
DESCRIPTIVE GEOMETRY

- ➔ If a line is viewed at 90° and is parallel to the XY the view casted on that projection plane will be the true length.



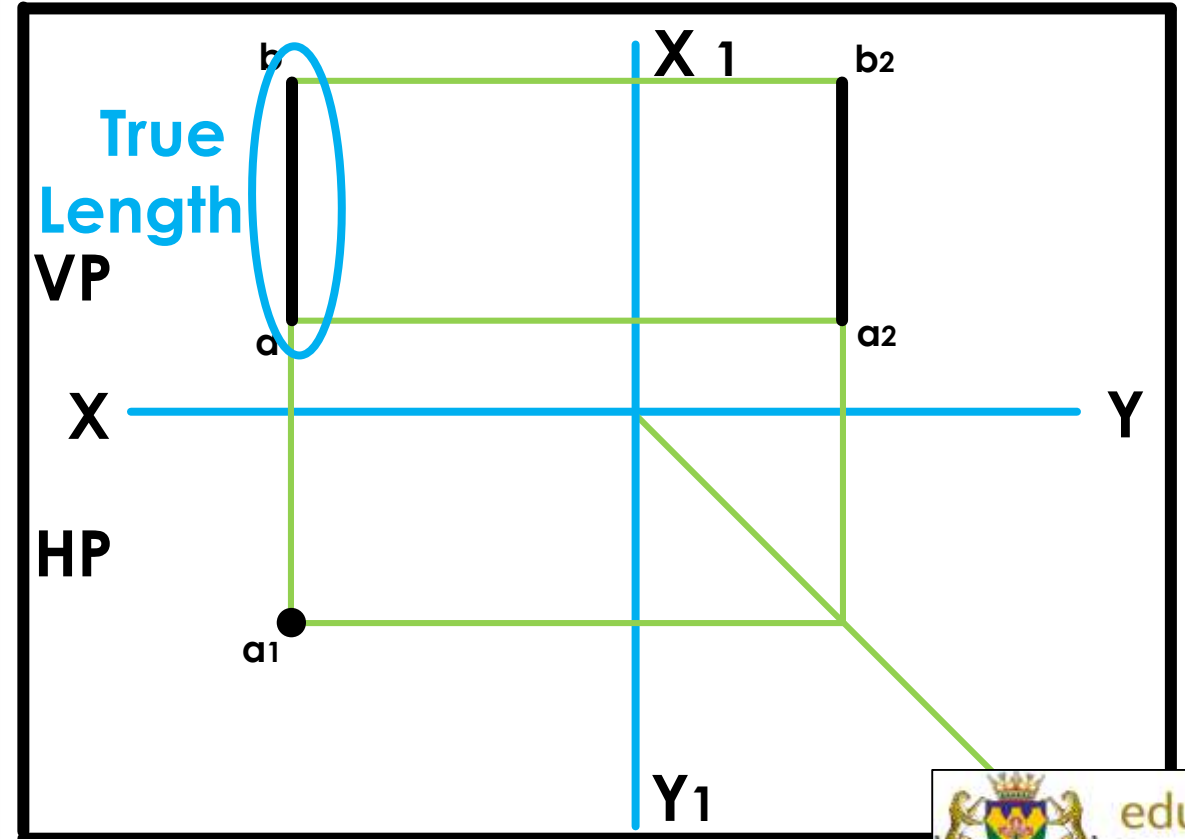
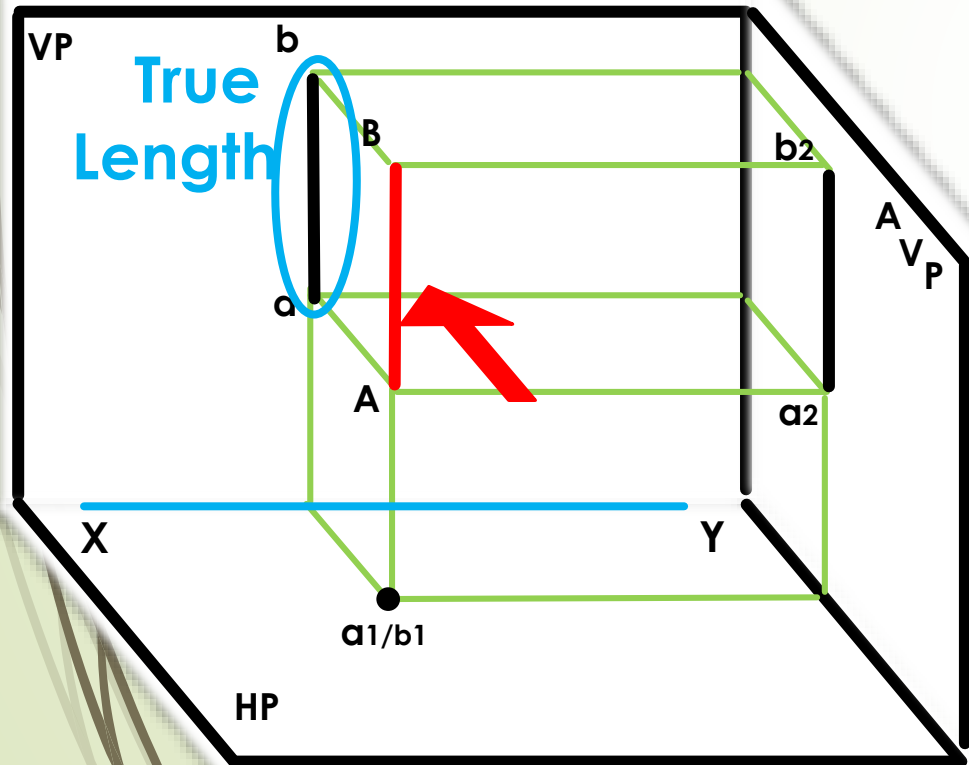
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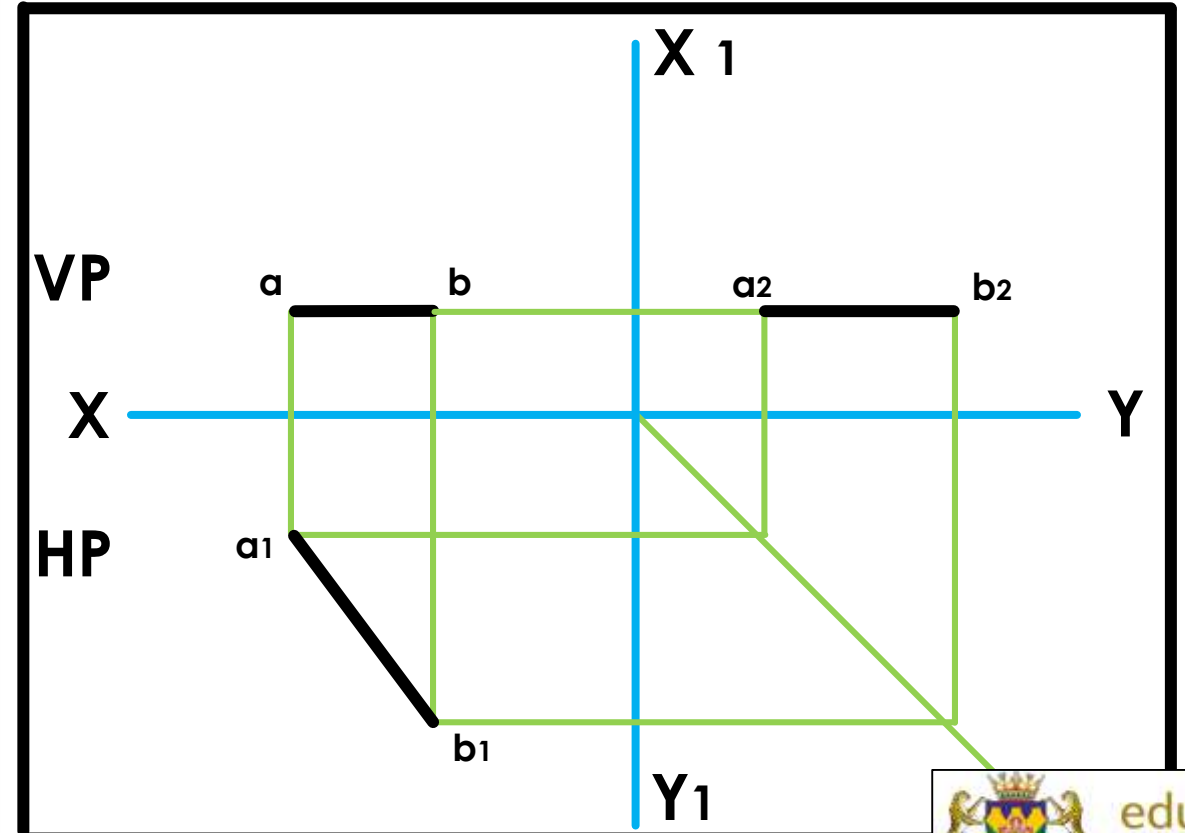
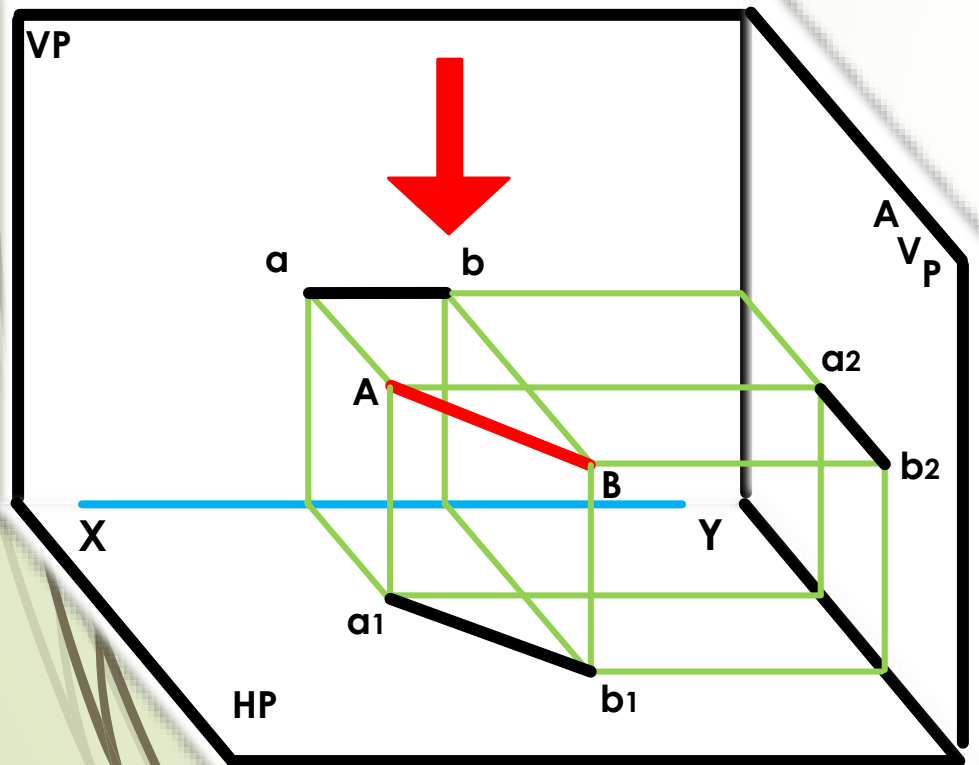
DESCRIPTIVE GEOMETRY

- ➔ If a line is viewed at 90° **and** is parallel to the XY the view casted on that projection plane will be the true length.



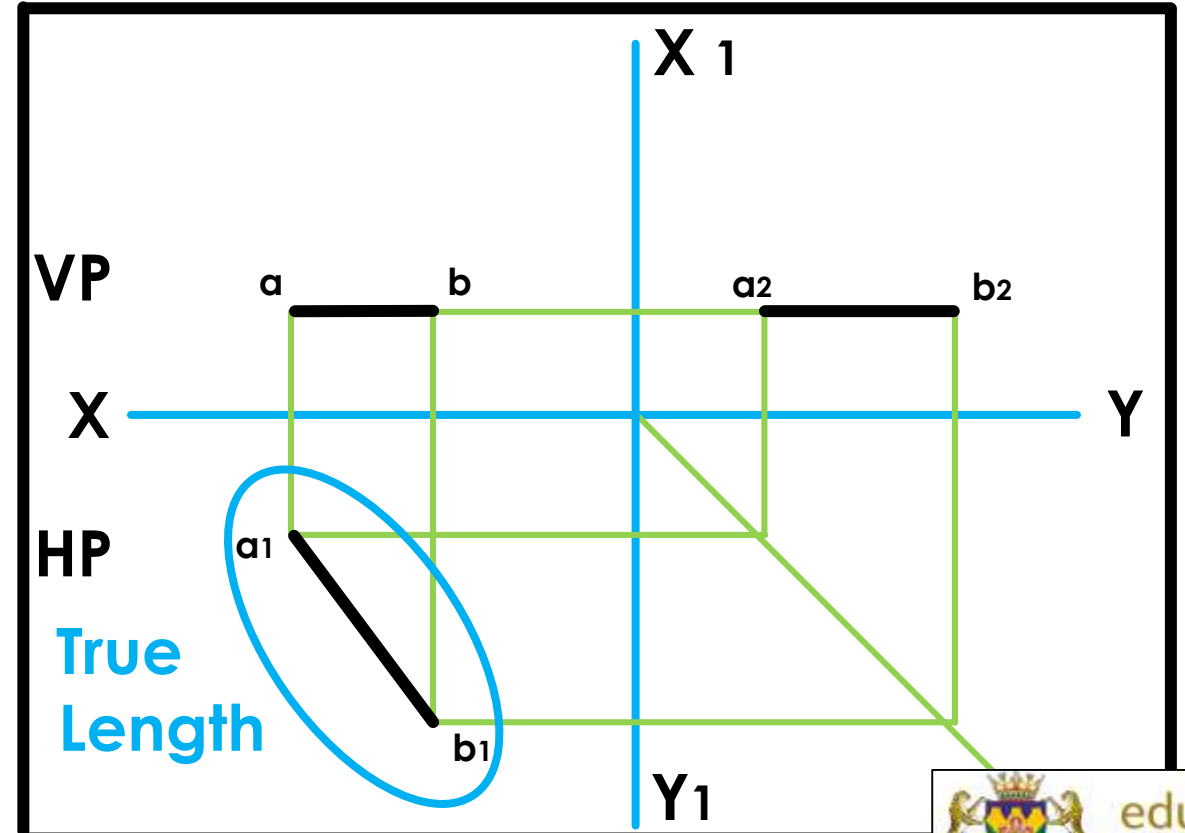
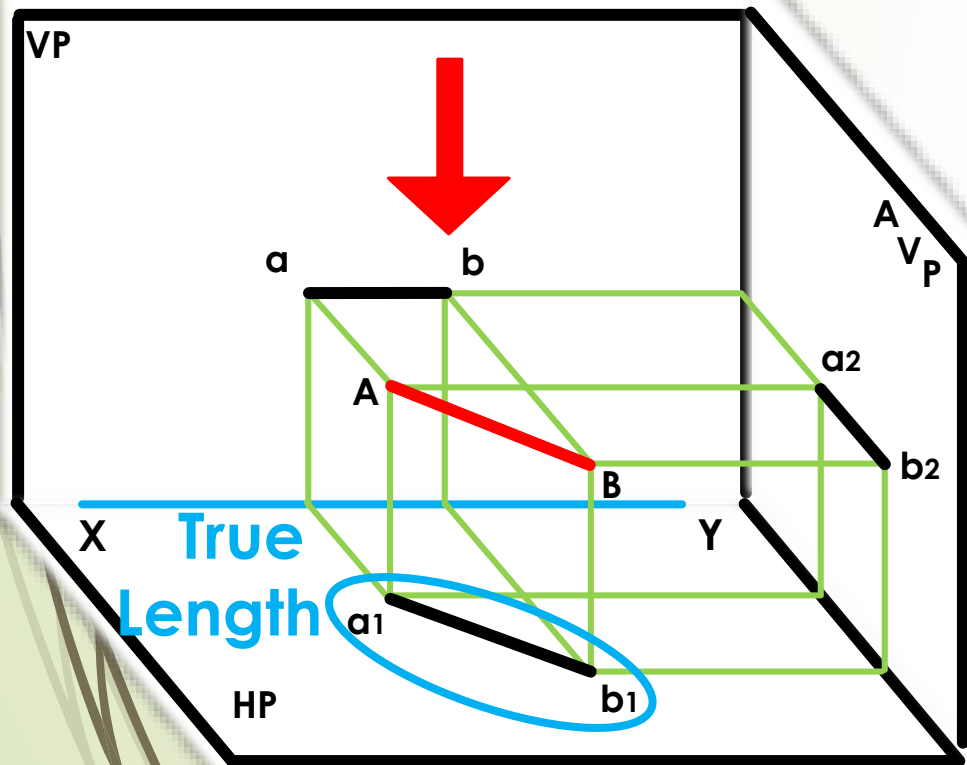
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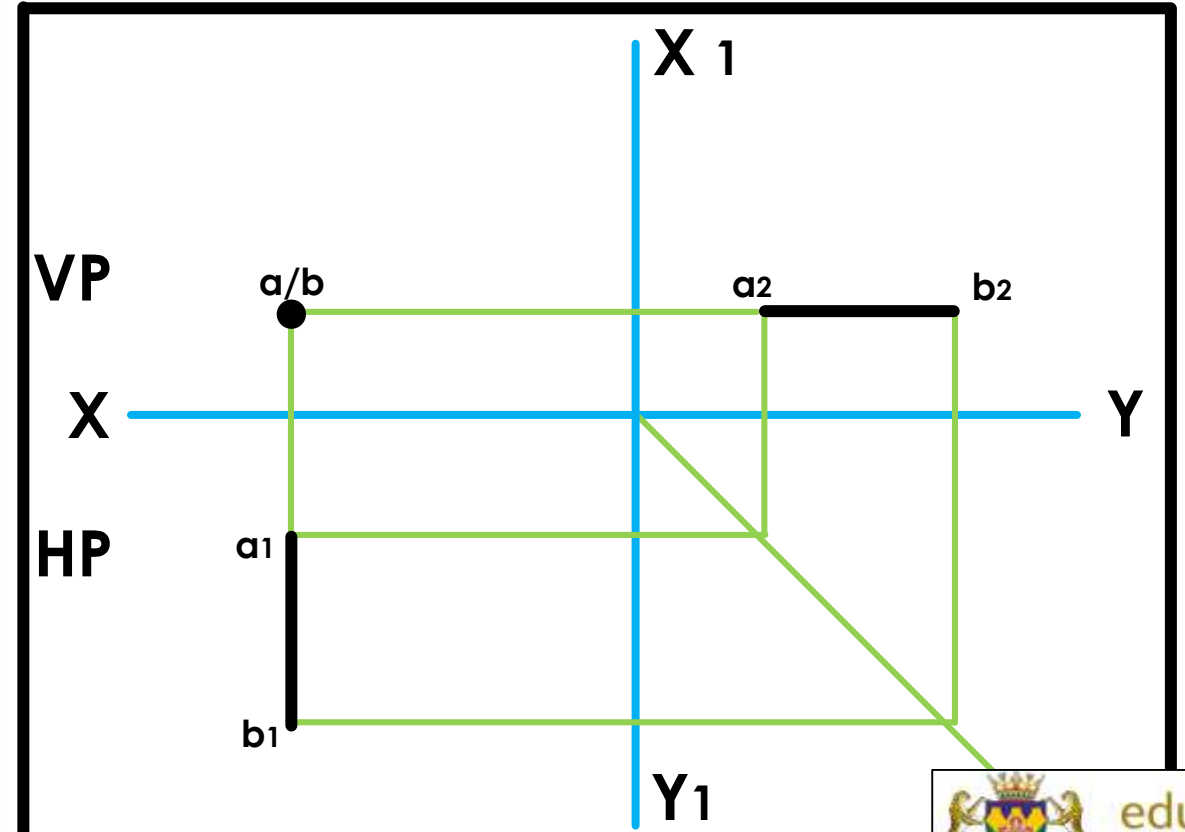
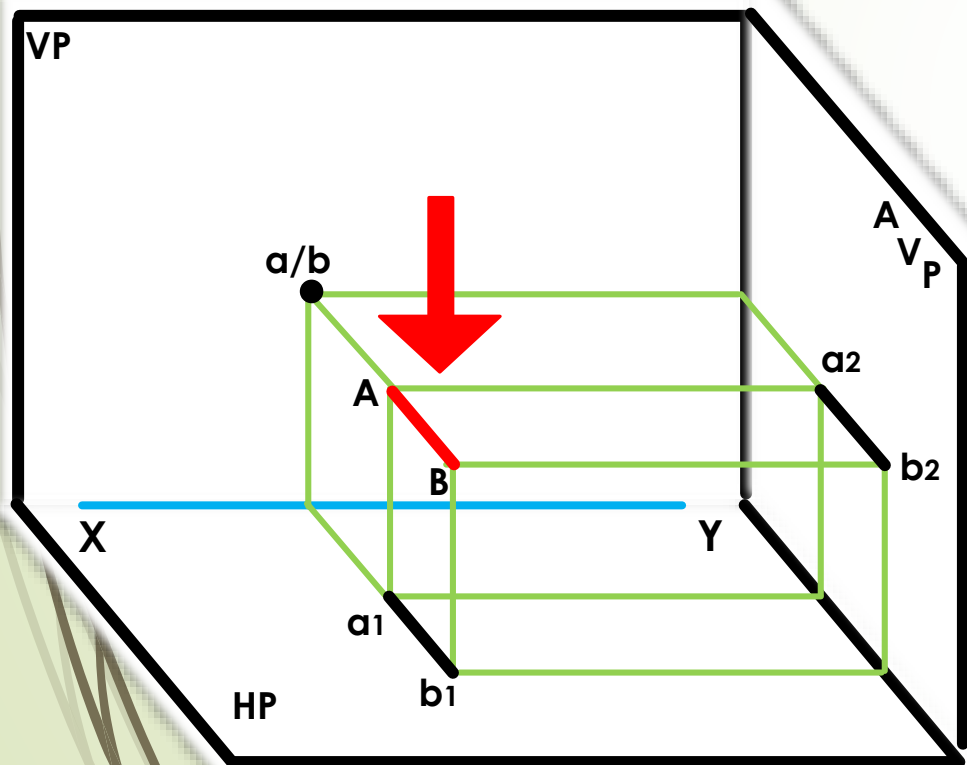
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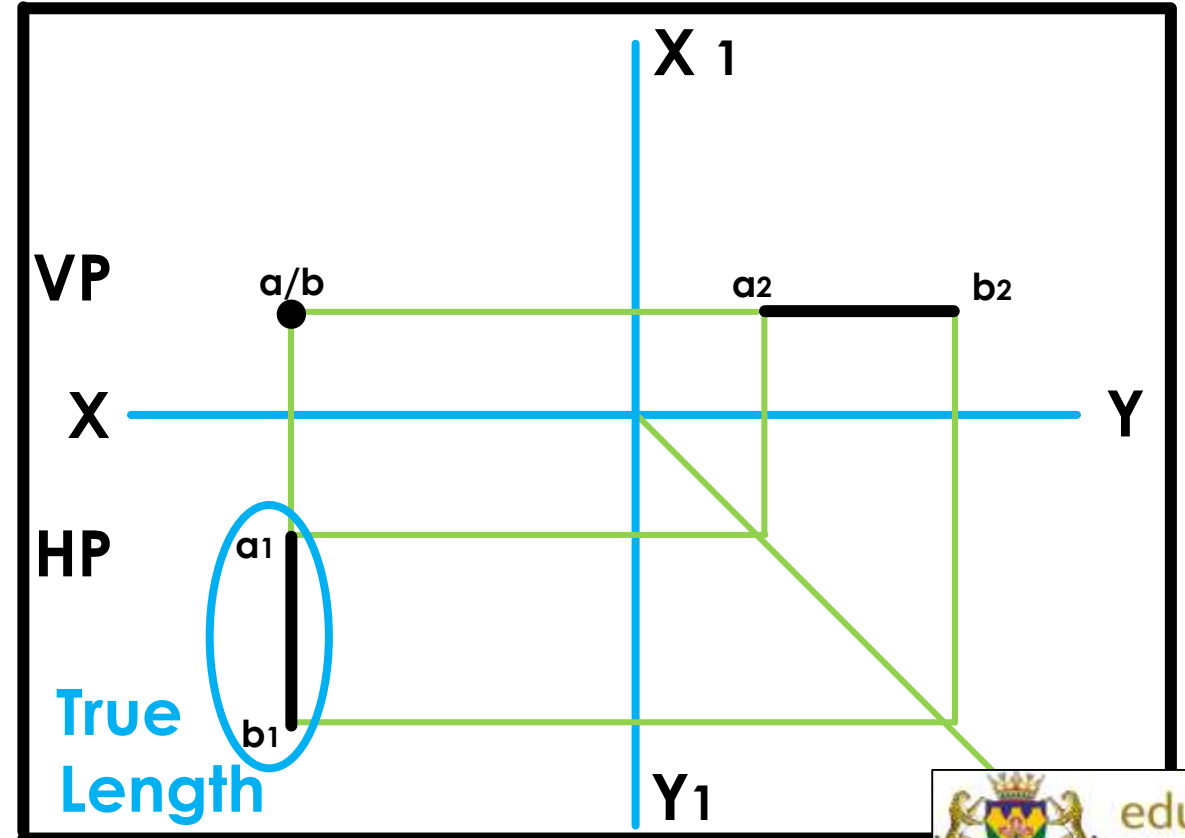
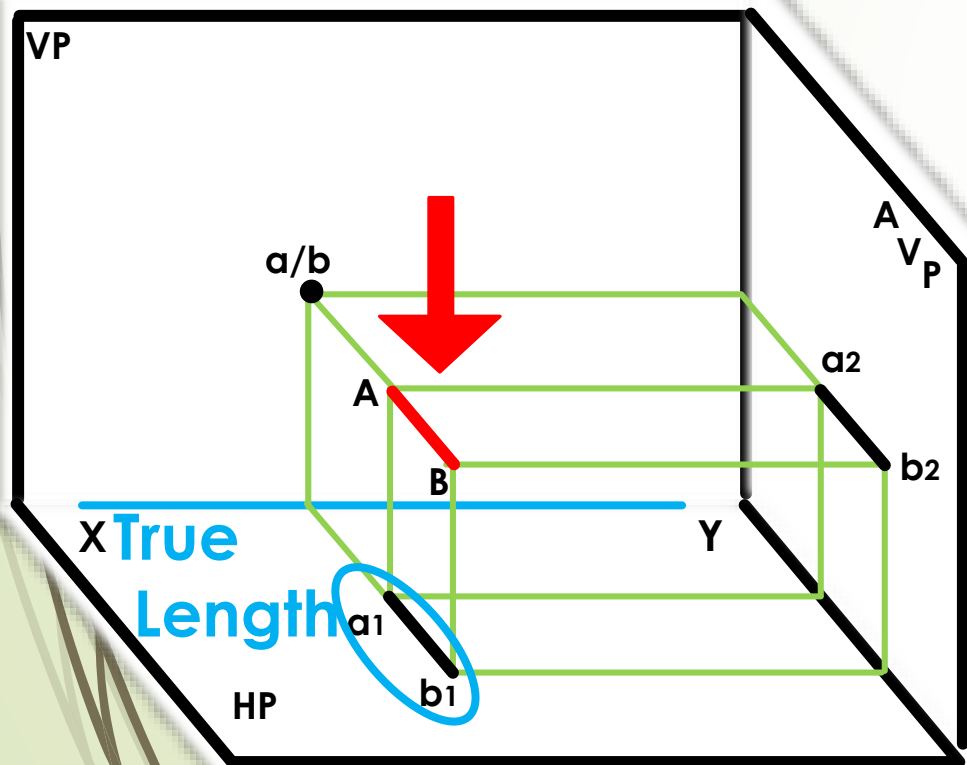
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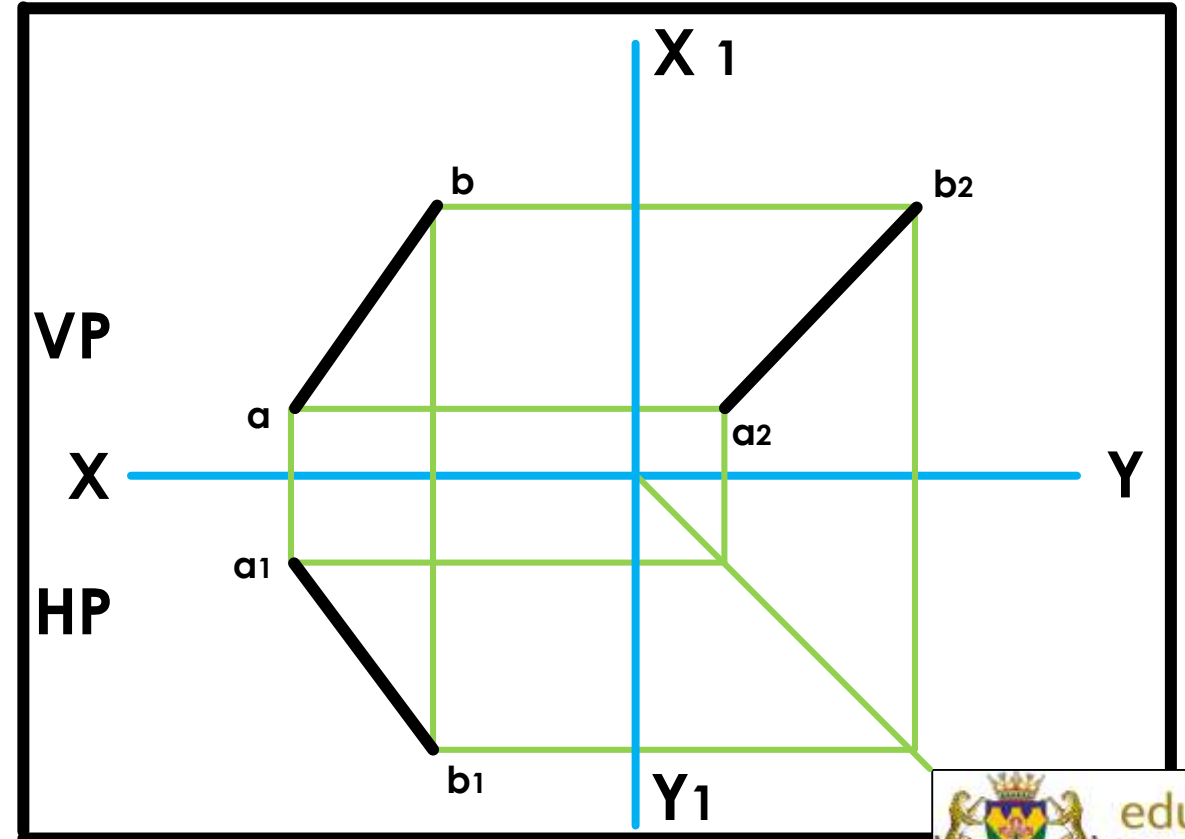
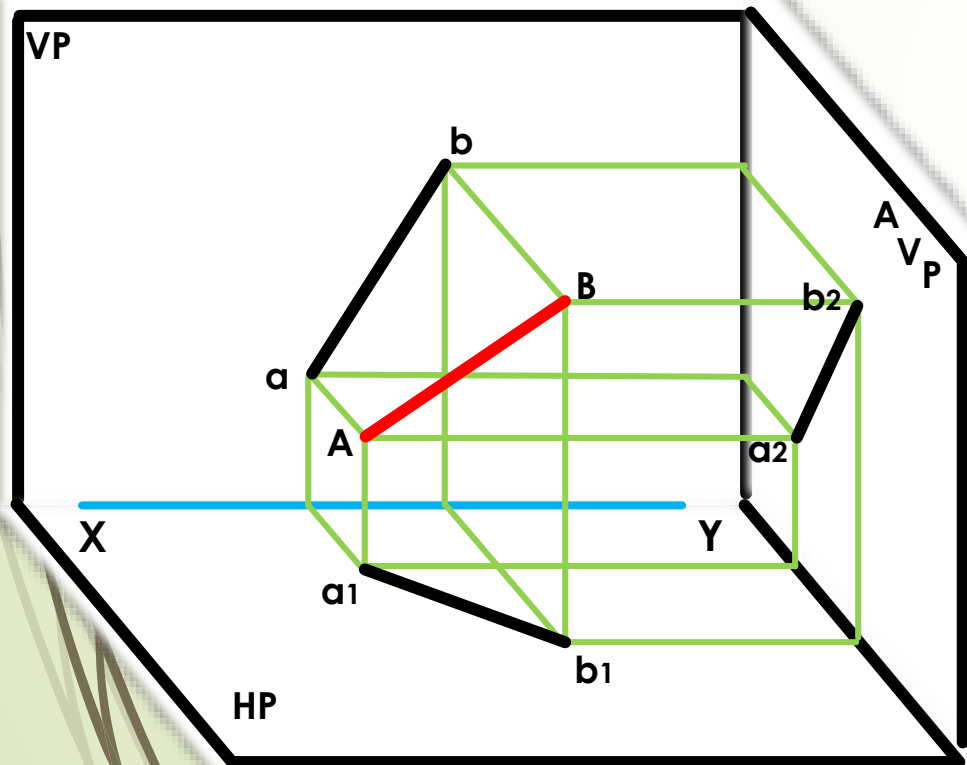
DESCRIPTIVE GEOMETRY

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DESCRIPTIVE GEOMETRY

- How to develop the true length of a line if the line is not parallel with any projection plane?



DESCRIPTIVE GEOMETRY

- To be able to measure the true length of a line, the line must be viewed at 90° .

