Orthographic Projection of a Regular Hexagon

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Talk to a Teacher
http://spoken-tutorial.org
National Mission on Education through ICT
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Objectives

- **To draw the orthographic projection of a regular hexagon**

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- **To demonstrate**
  - **effect of changes in dimensions on the projections of a plane**
  - **by animation**

Prerequisites

- **Basics of Geogebra**

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- **Basic knowledge of engineering drawing**

Software

- **Geogebra 3.2.40.0**

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- **Ubuntu 10.10**

Summary

▶ **To draw the orthographic projection of a regular hexagon**

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- **To draw the orthographic projection of a regular hexagon**
- **Effect of changes in dimensions on the projections of a plane**

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Assignment

- **Draw the orthographic projection of a regular pentagon**
- **Show the transformation**
  - **With variation in position with respect to horizontal and vertical planes**
  - **With movement of vertices**

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About the Spoken Tutorial Project

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- ▸ **Conducts workshops using spoken tutorials**
- ▸ **Gives certificates to those who pass an online test**
- ▸ **For more details, please write to contact@spoken-tutorial.org**

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Thank you