Introduction to GeoGebra

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Learning Objectives

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- **About GeoGebra interface and geometric tools**

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- **To draw parallel and perpendicular lines**

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- **About GeoGebra interface and geometric tools**
- **To draw parallel and perpendicular lines**
- **To change object properties of a line**

Learning Objectives

- About **GeoGebra** interface and geometric tools
- To draw parallel and perpendicular lines
- To change object properties of a line
- About properties of Graphics view

System Requirement

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- **Ubuntu Linux OS v 14.04**

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- **GeoGebra v 5.0.438.0-d**

Pre-requisites

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- **Learner should be familiar with basic Mathematics**

Download GeoGebra

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- **To download Geogebra, please use the link shown below**
  www.geogebra.org/download

Assignment

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1. **Open a new GeoGebra window**

Assignment

1. **Open a new GeoGebra window**
2. **Draw a line segment AB using Segment tool**

Assignment

1. Open a new **GeoGebra** window
2. Draw a line segment AB using **Segment** tool
3. Draw a perpendicular bisector to segment AB

Assignment

1. Open a new **GeoGebra** window
2. Draw a line segment AB using **Segment** tool
3. Draw a perpendicular bisector to segment AB
4. **Rename the lines and change the object properties**

Assignment

As an assignment explore,

Assignment

As an assignment explore,

1. **Grid Type options**

Assignment

As an assignment explore,

1. **Grid Type options**
2. **xAxis and yAxis tabs**

Summary

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- **About GeoGebra interface and geometric tools**
- **To draw parallel and perpendicular lines**
- **To change object properties of a line**
- **About properties of Graphics view**

About the Spoken Tutorial Project

- **Watch the video available at http://spoken-tutorial.org /What is a Spoken Tutorial**
- **It summarises the Spoken Tutorial project**
- **If you do not have good bandwidth, you can download and watch it**

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**

- **Gives certificates to those who pass an online test**

- **For more details, please write to contact@spoken-tutorial.org**

Forum for specific questions

- **Do you have questions in THIS Spoken Tutorial?**
- **Please visit**

  http://forums.spoken-tutorial.org
- **Choose the minute and second where you have the question**
- **Explain your question briefly**
- **Someone from our team will answer them**

Forum for specific questions

- **The Spoken Tutorial forum is for specific questions on this tutorial**
- **Please do not post unrelated and general questions on them**
- **This will help reduce the clutter**
- **With less clutter, we can use this discussion as instructional material**

Acknowledgements

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- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**

- **More information on this Mission is available at**

  http://spoken-tutorial.org /NMEICT-Intro