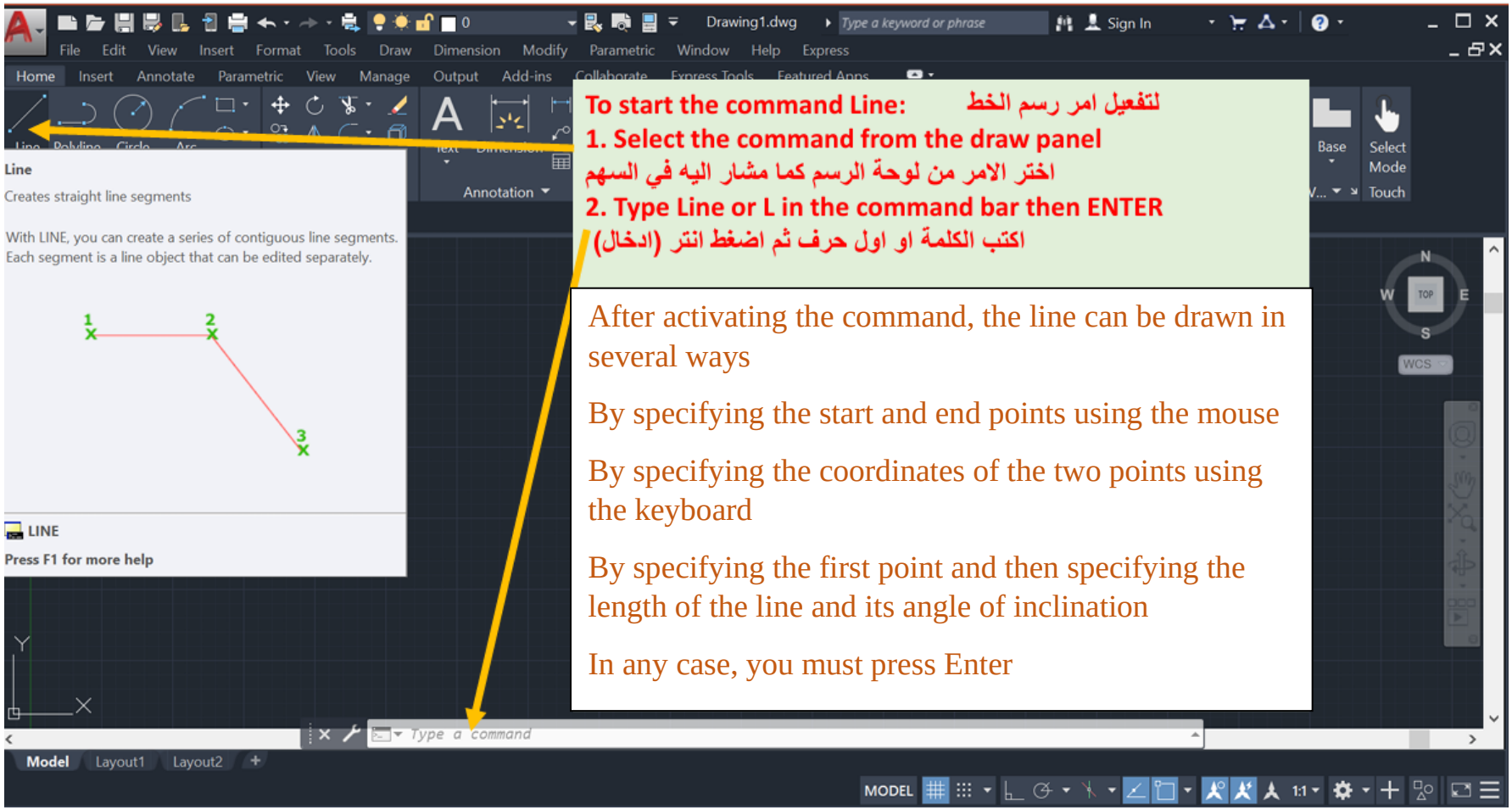
Al-Mustaqbal University
Department (Communications Engineering)
Class (1ST class)
Subject (Engineerind drawing) / Code (UOMU028014)
Lecturer (Doaa Hazim Aziz)
1st/2nd term – Lect. (Drawing commands)

Drawing commands:



Email (Doaa.Hazim.Aziz@uomus.edu.iq)

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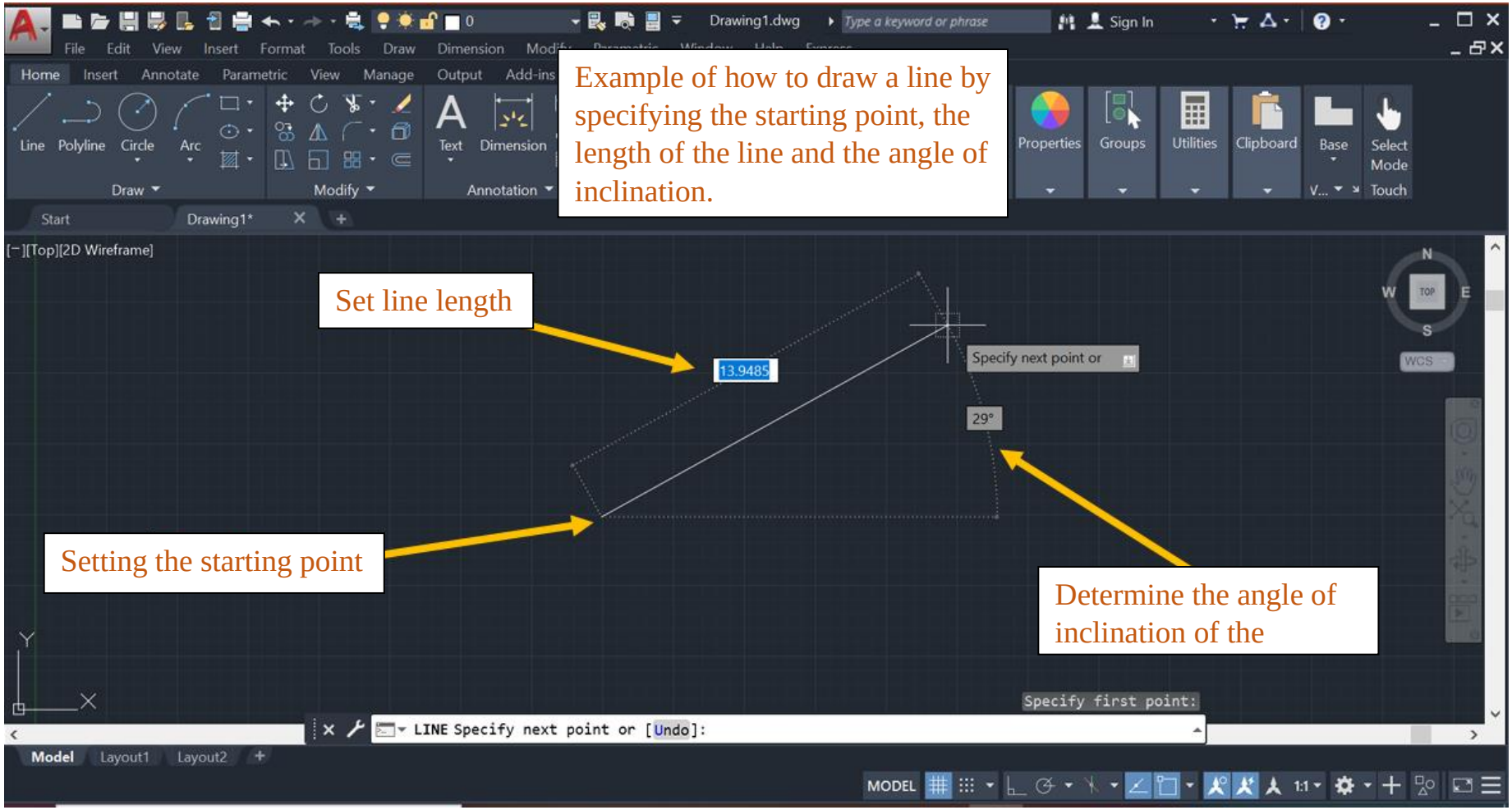

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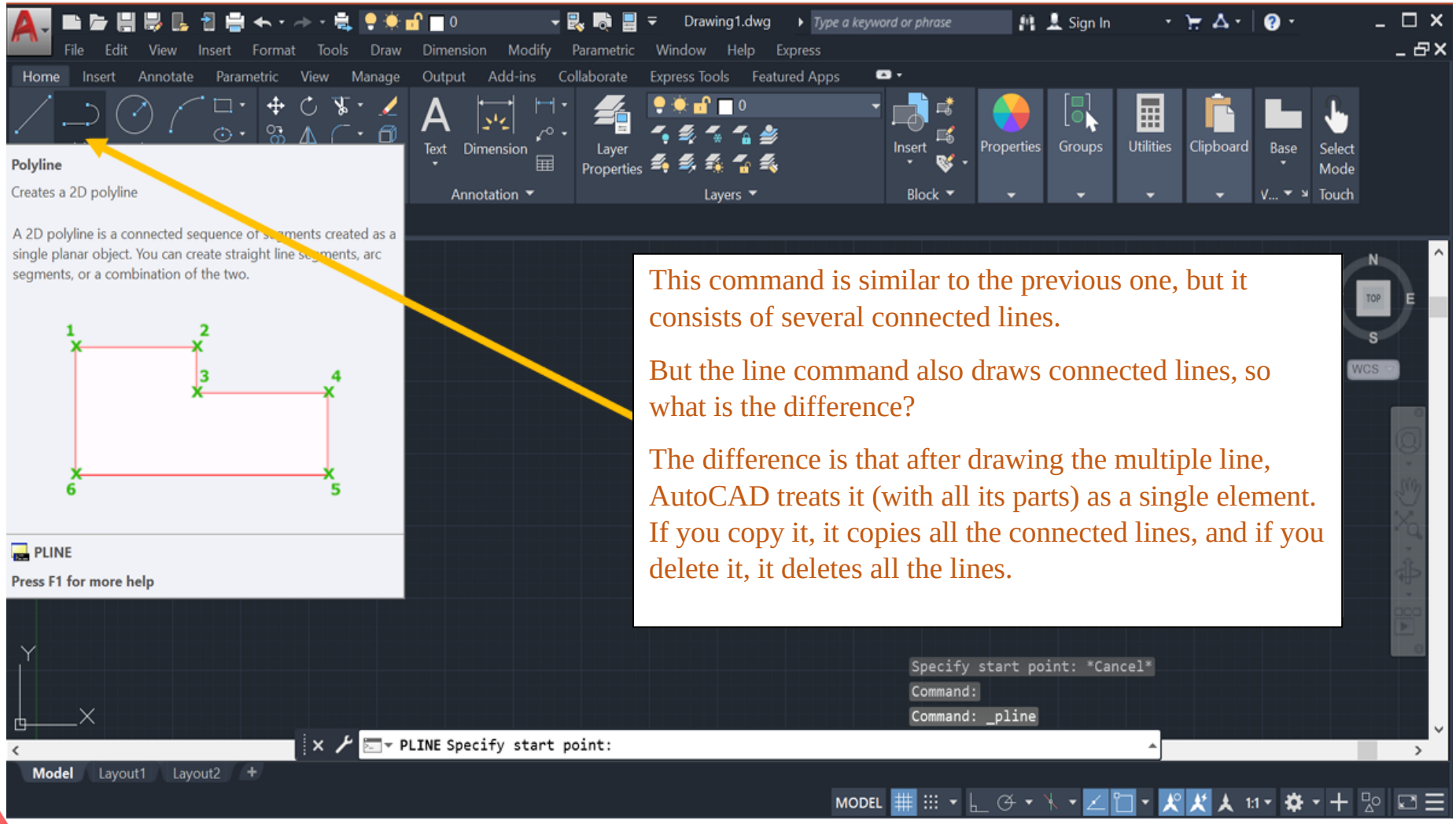

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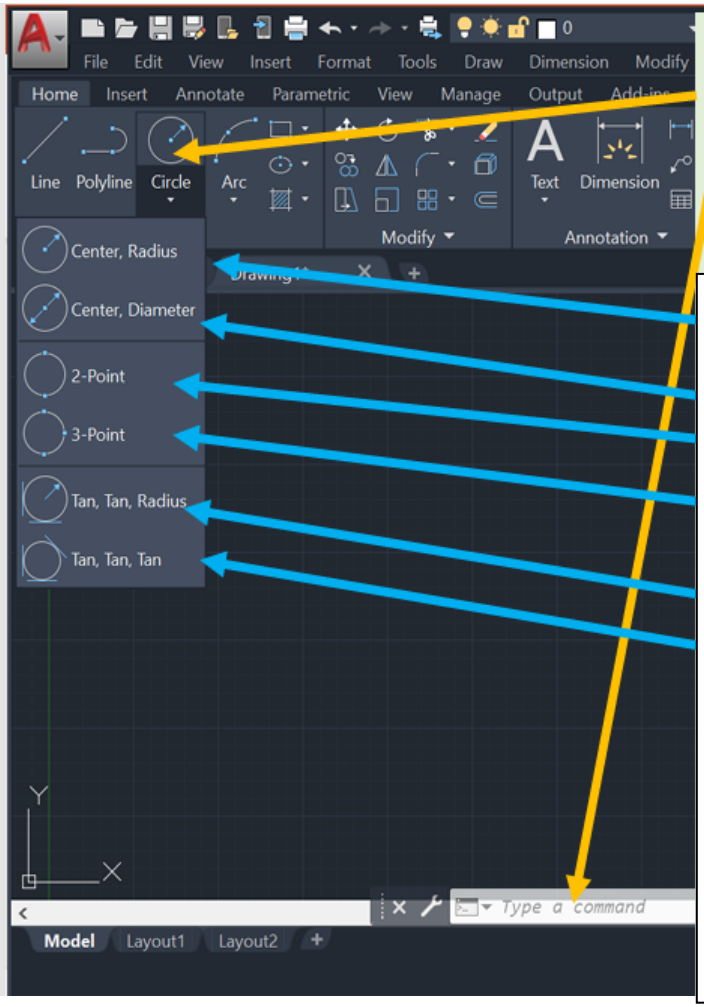

To start the command Circle: لتفعيل امر رسم الدائرة

1. Select the command from the draw panel

اختر الامر من لوحة الرسم كما مشار اليه في السهم

2. Type Circle or C in the command bar then ENTER

اكتب الكلمة او اول حرف ثم اضغط انتر (ادخال)

After activating the command, the circle can be drawn in several ways

By specifying the center of the circle and its radius using the mouse or keyboard

By specifying the center of the circle and its radius

By specifying two points

By specifying three points

By specifying two tangents and the radius of the circle

By specifying three tangents

In all cases, the Enter key must be pressed

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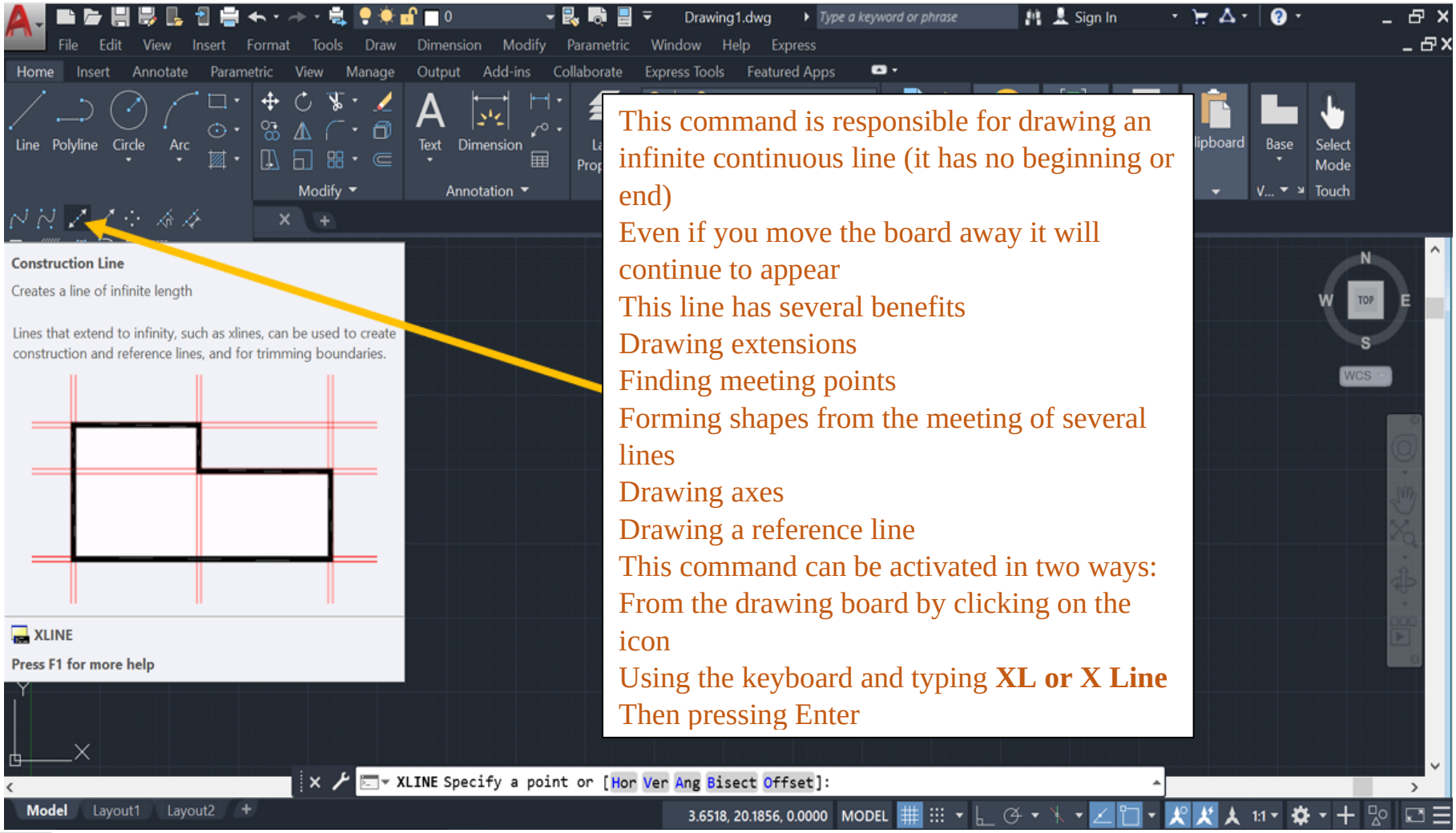

This command is responsible for drawing an infinite continuous line (it has no beginning or end)
Even if you move the board away it will continue to appear
This line has several benefits
Drawing extensions
Finding meeting points
Forming shapes from the meeting of several lines
Drawing axes
Drawing a reference line
This command can be activated in two ways:
From the drawing board by clicking on the icon
Using the keyboard and typing **XL or X Line**
Then pressing Enter

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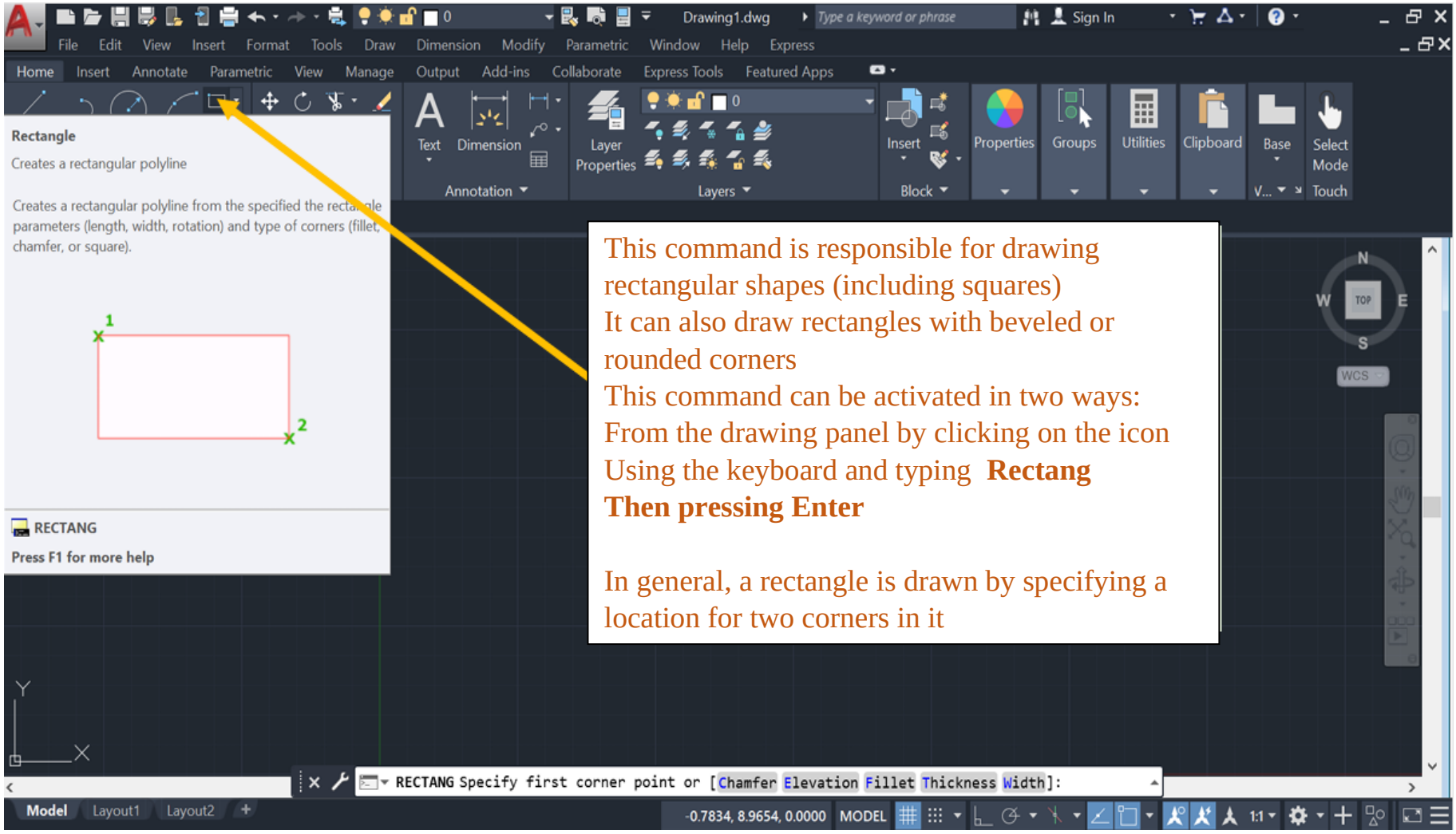

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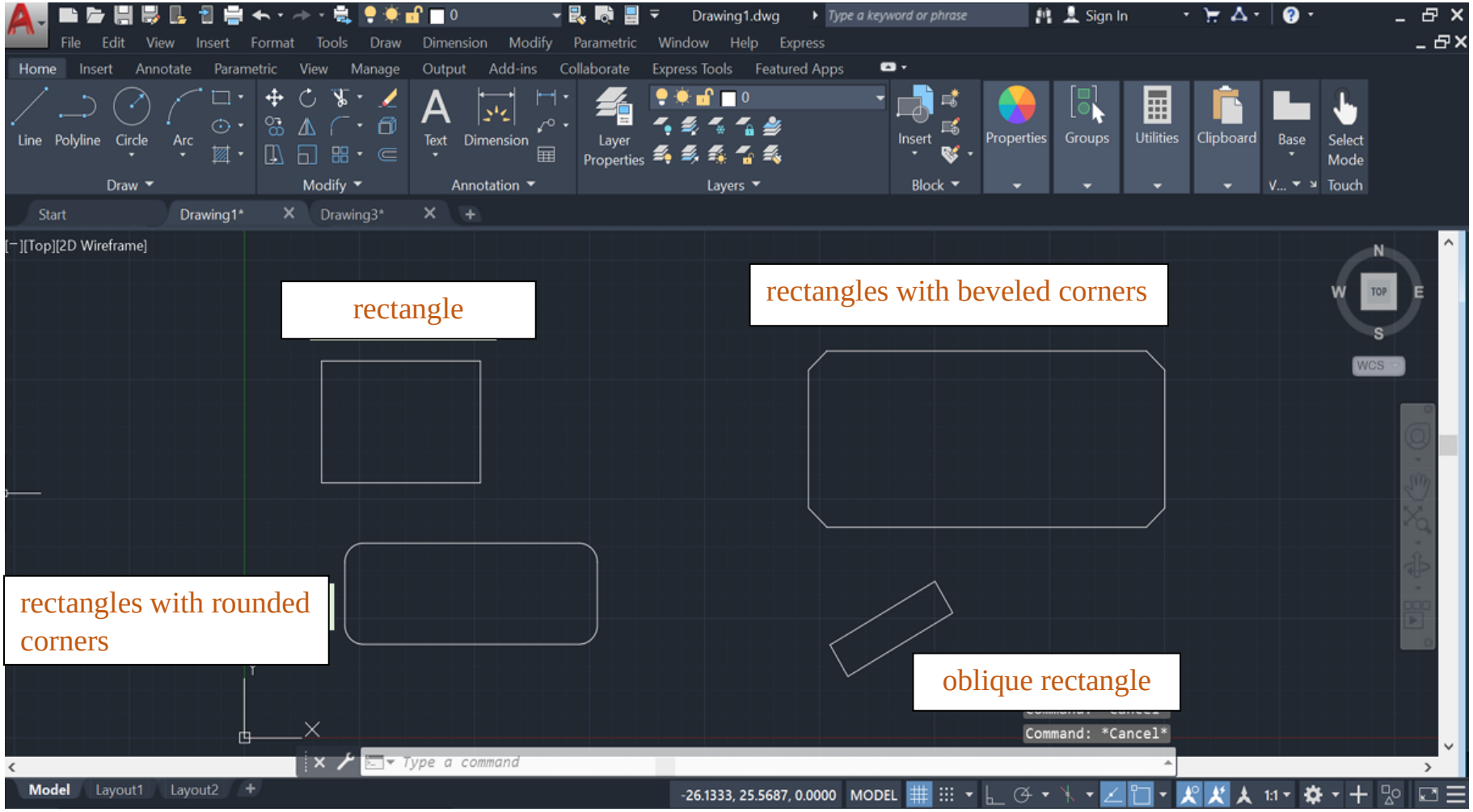

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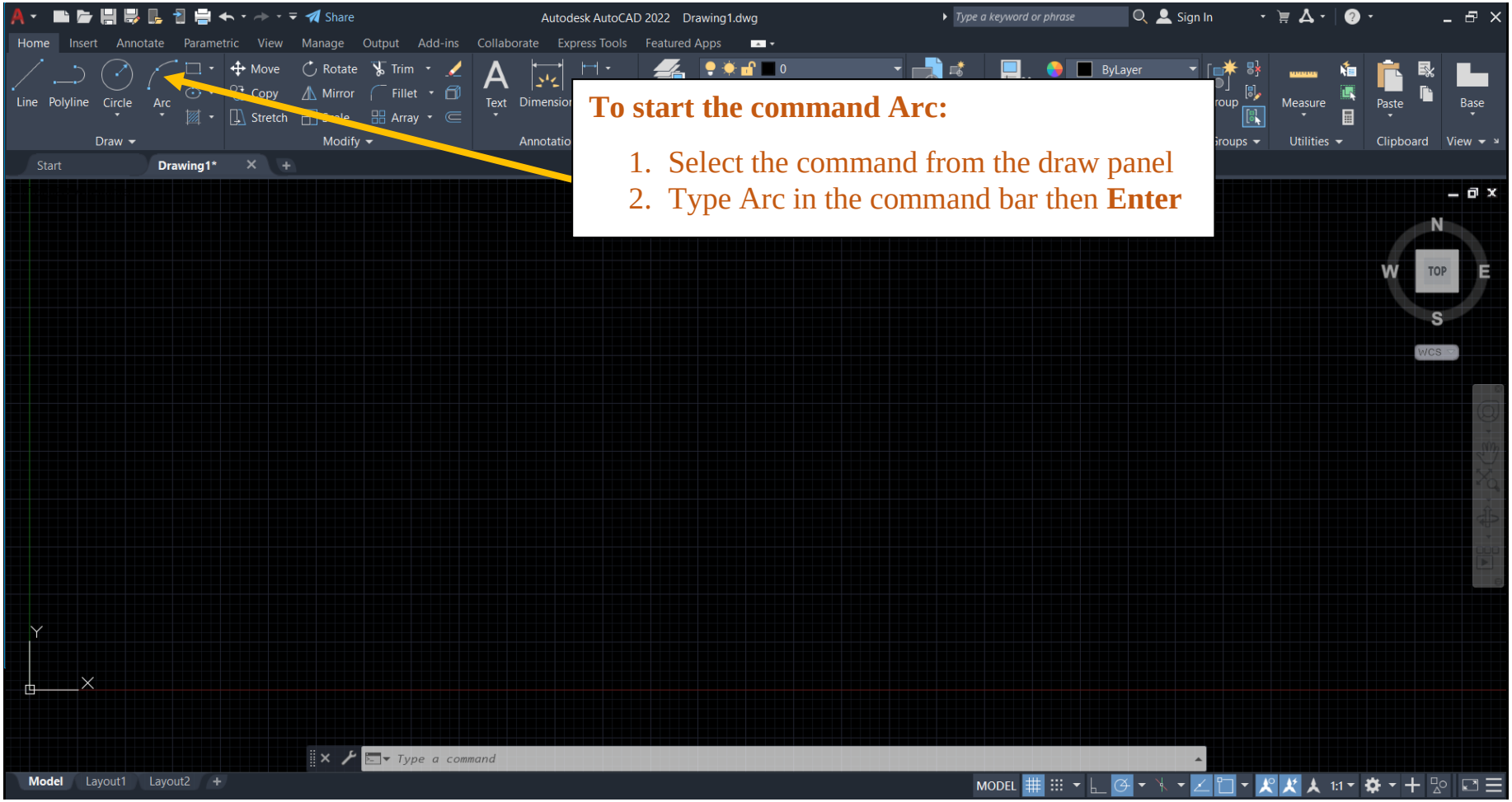

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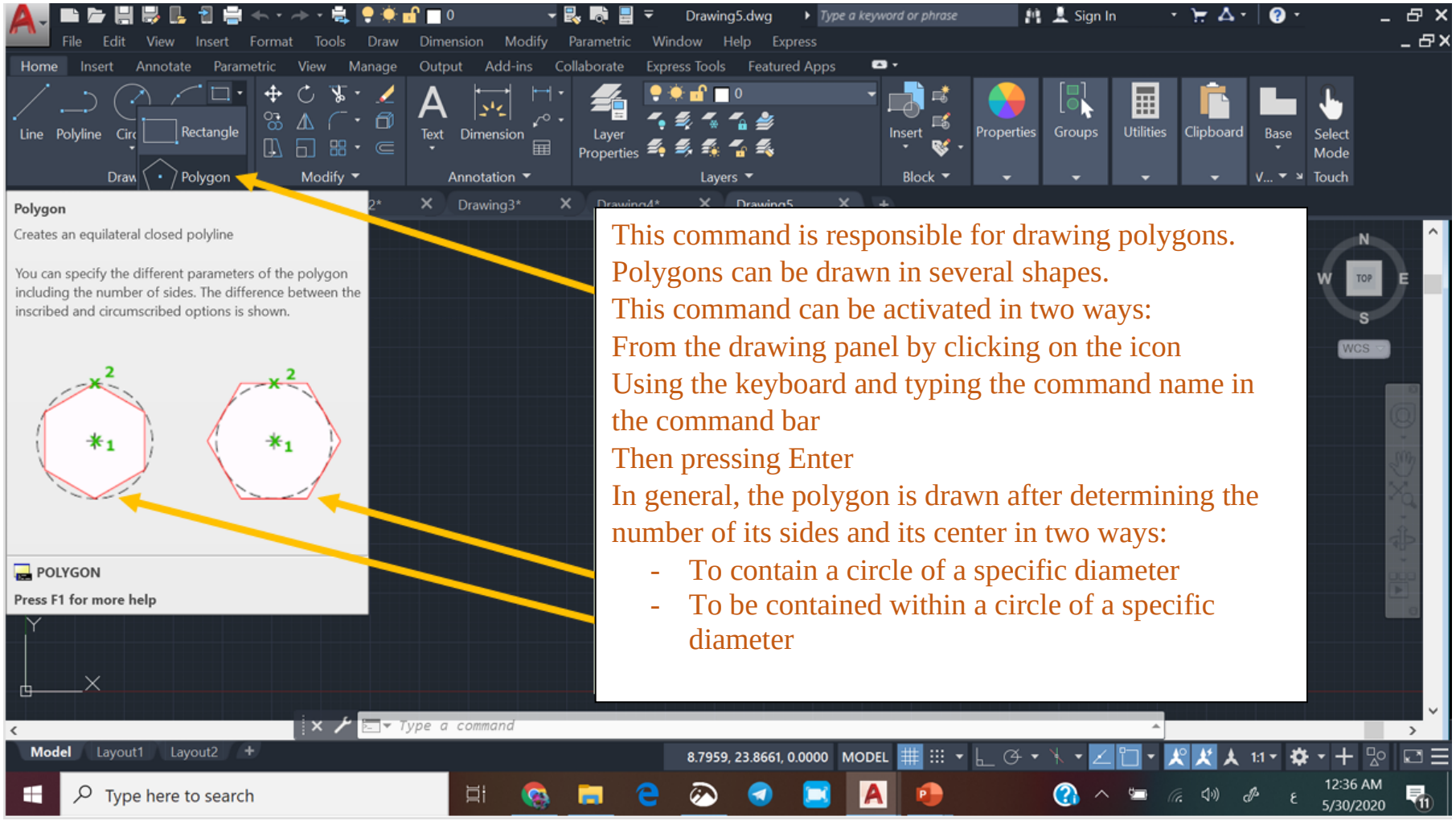

This command is responsible for drawing polygons.
Polygons can be drawn in several shapes.
This command can be activated in two ways:
From the drawing panel by clicking on the icon
Using the keyboard and typing the command name in the command bar
Then pressing Enter
In general, the polygon is drawn after determining the number of its sides and its center in two ways:

- To contain a circle of a specific diameter
- To be contained within a circle of a specific diameter

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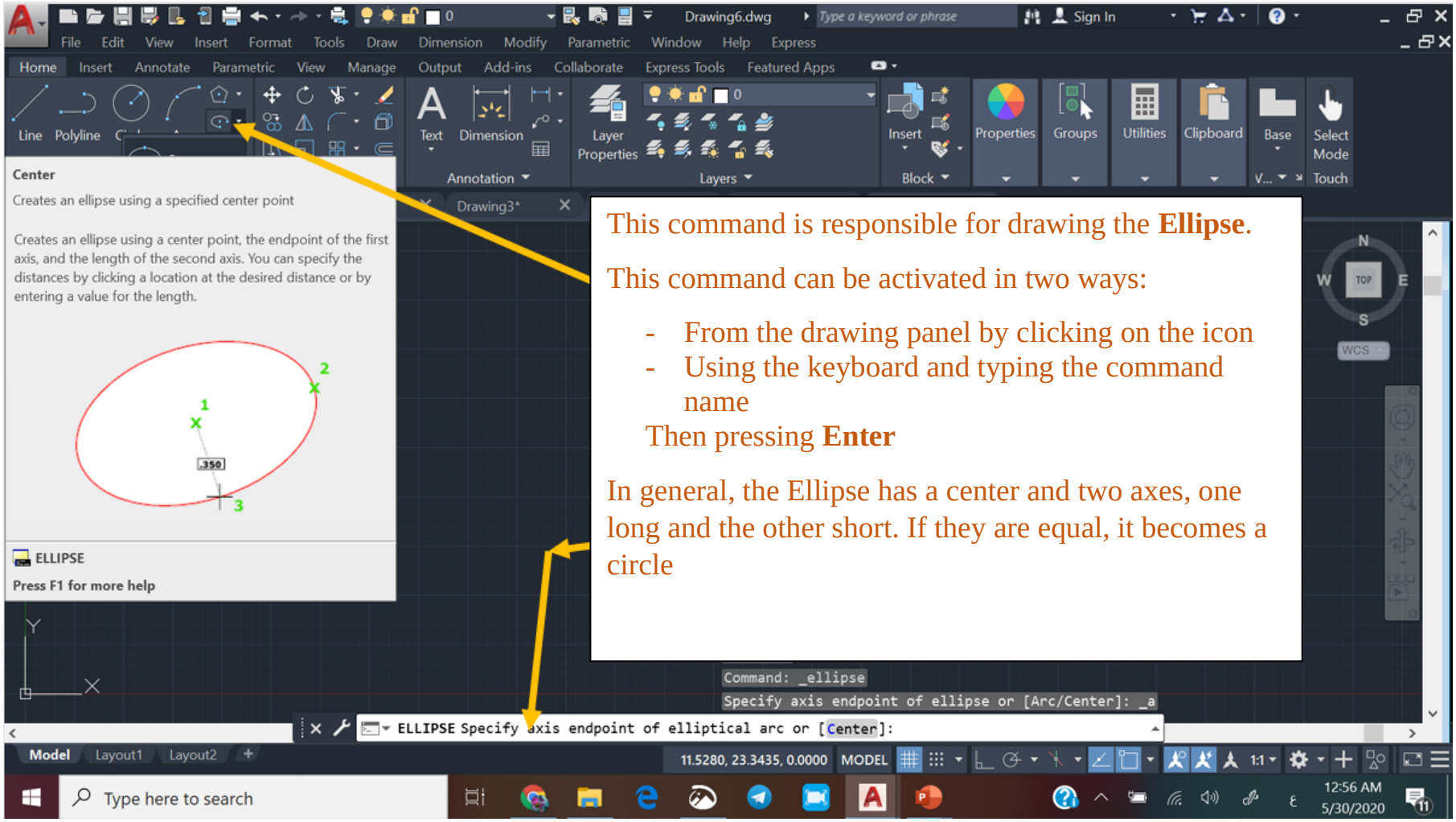

This command is responsible for drawing the **Ellipse**.

This command can be activated in two ways:

- From the drawing panel by clicking on the icon
- Using the keyboard and typing the command name

Then pressing **Enter**

In general, the Ellipse has a center and two axes, one long and the other short. If they are equal, it becomes a circle

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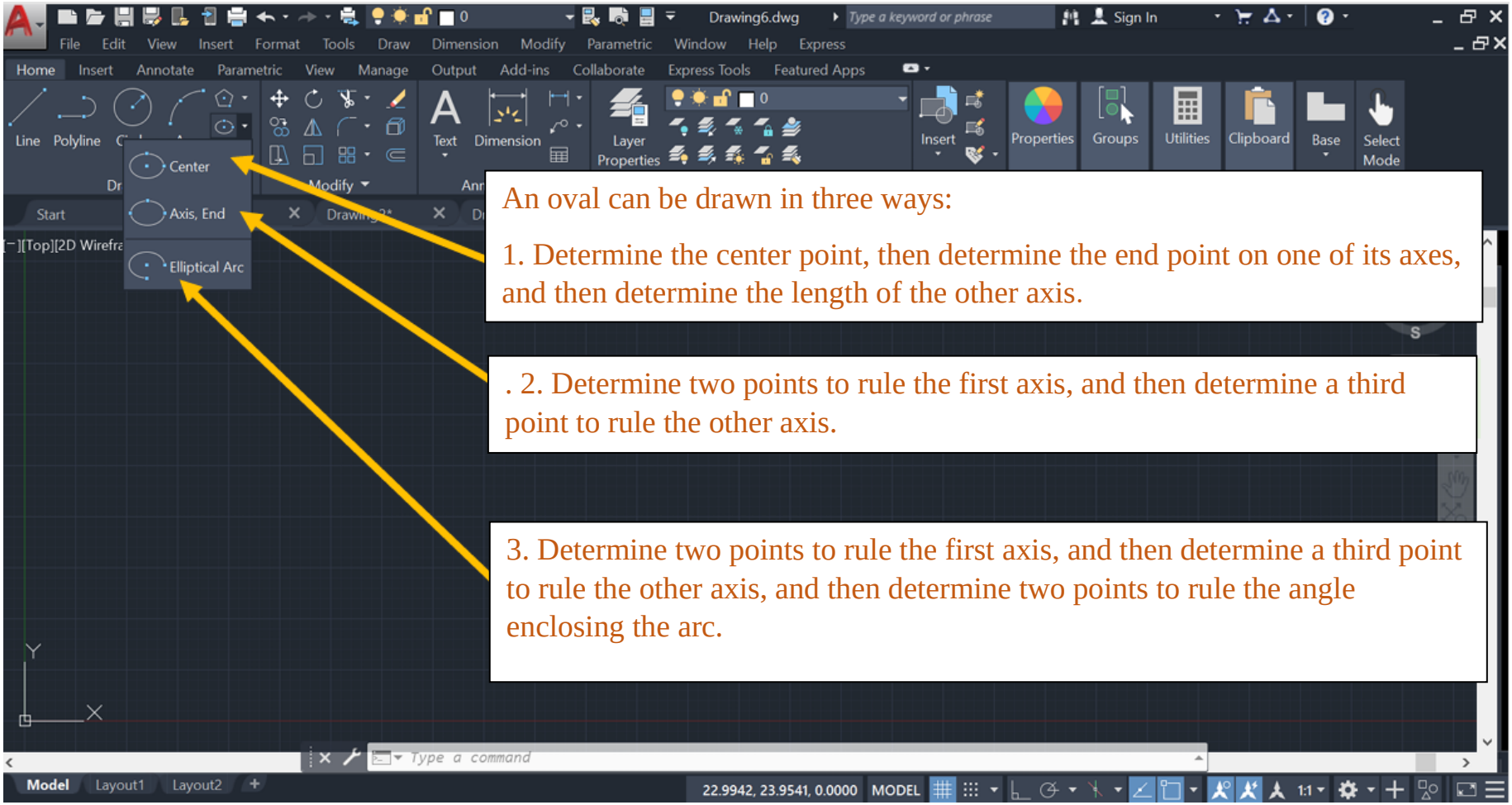

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