

Digital Drawing with Autocad

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24th October

1

- Options
- Bottom bar
- Keypad
- Drawing
- Raster imp.

31th October

2

- Modifying
- Layers
- Properties

04th November

3

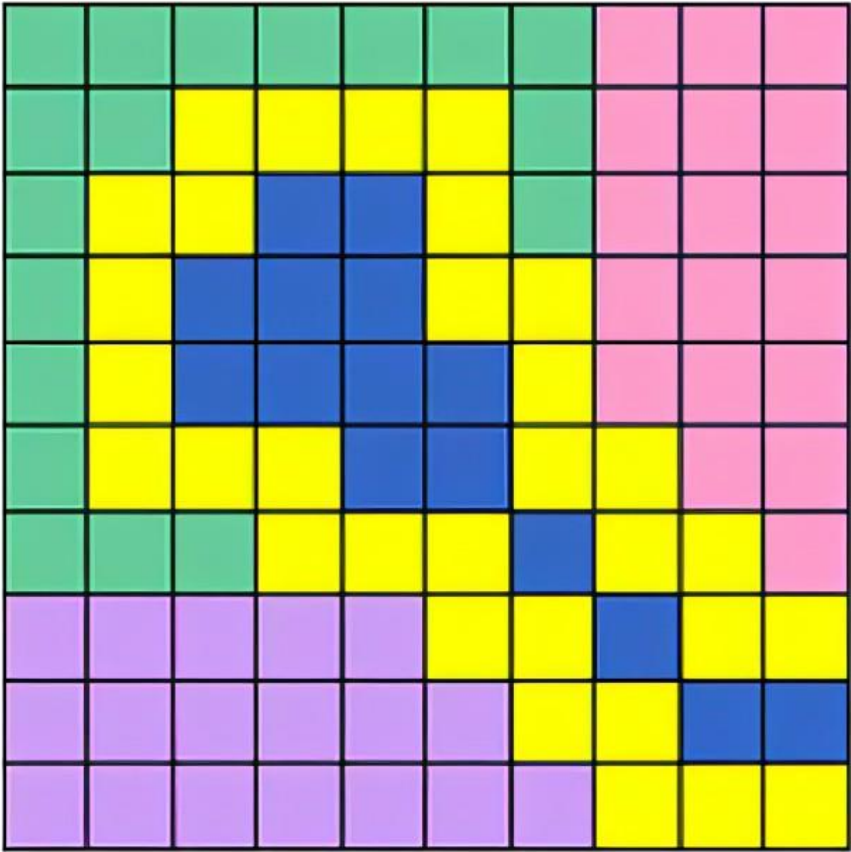
- Measuring
- Writing
- Printing
- Exporting

07th November

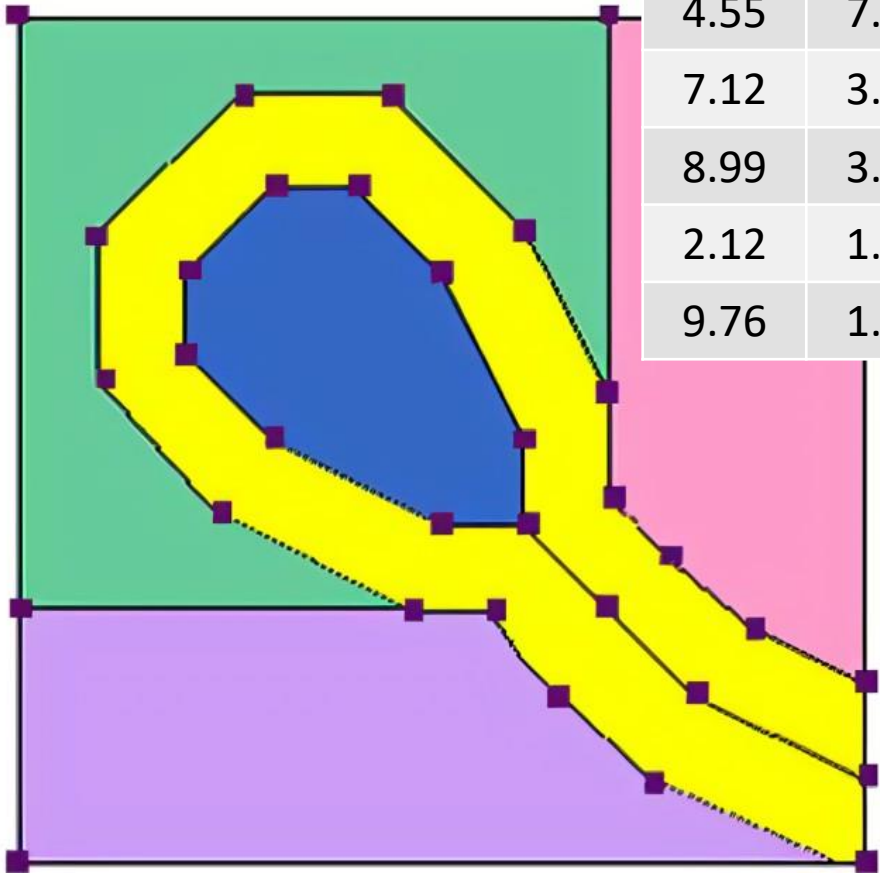
4

- 3D drawing

Raster vs Vectors



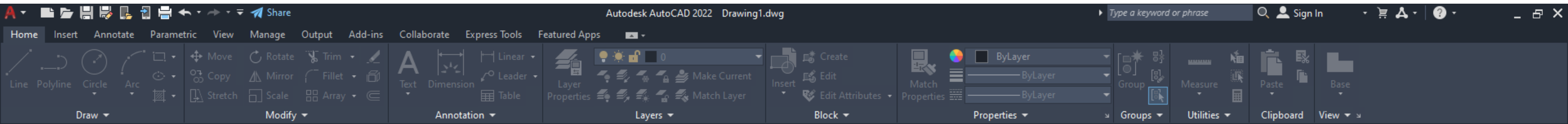
Raster = pixels + colours



Vector = coordinates + features

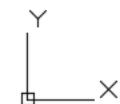
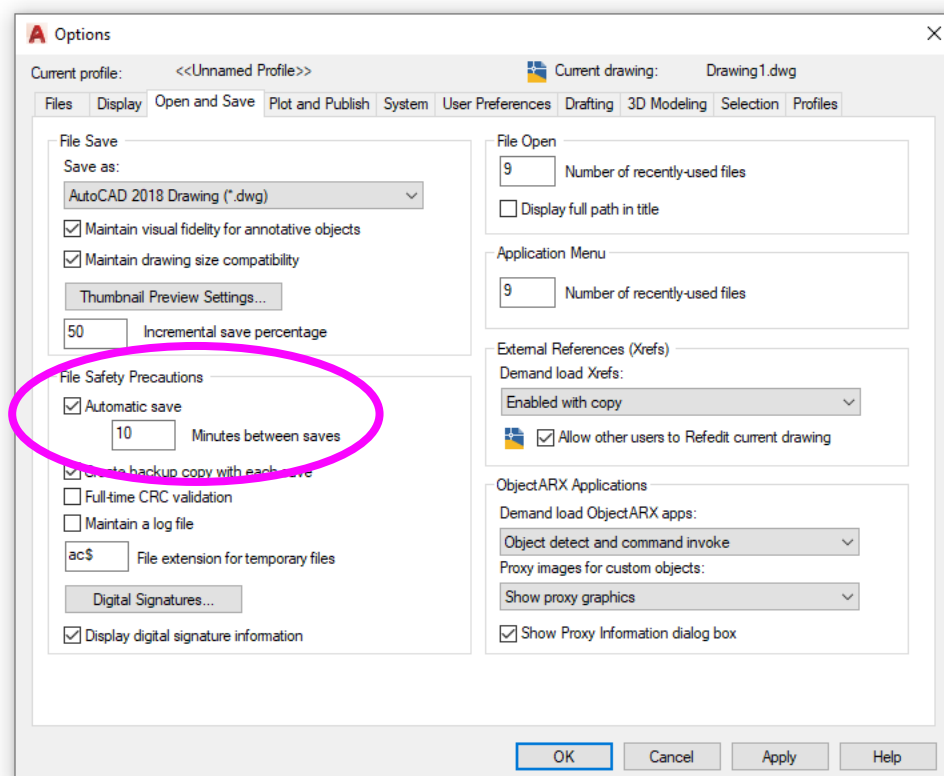
X	Y	Z	Properties
3.22	1.77	1.12	...
4.57	3.56	1.34	...
6.78	5.78	3.88	...
3.92	3.21	5.15	...
4.55	7.59	6.51	...
7.12	3.44	7.31	...
8.99	3.83	5.45	...
2.12	1.66	1.59	...
9.76	1.09	2.01	...





[-][Top][2D Wireframe]

Auto-save your life!

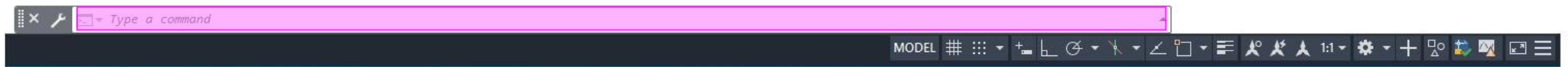


Model Layout1 Layout2 +

MODEL # 1:1

Bottom bar

Command line



Talk to AutoCAD, don't be shy!



**Hey, dude, are
you there?**



**I'd like you to
draw a line...**



What's up, bro?



**Fab, mate! But
what about the
start point?**

Bottom bar



Dynamic input

Bottom bar



Grid

Bottom bar



Orthomode

Bottom bar



Polar mode

Bottom bar



Track mode

Bottom bar



Snap

Very important stuff! They'll save your life!

Bottom bar



Line weight

AutoCAD failing to show the line weight because you forgot to turn the “Line weight” button on is one of the main sources of disappointment among beginners!

Bottom bar



2D/3D

Playing with commands

ESC

To exit from a command or any time something is wrong...

DELETE

To delete selected objects



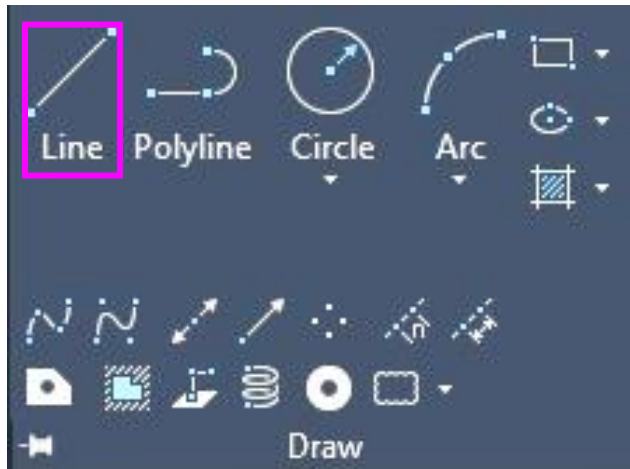
LETTERS

To type commands

ENTER

To recall the previous command or to proceed through the command path.

Drawing commands



Line

Polyline

Circle

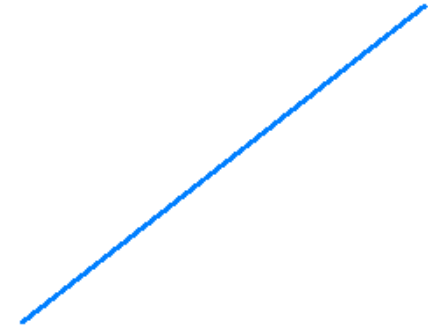
Arc

Polygon

Ellipse

Spline

Hatch



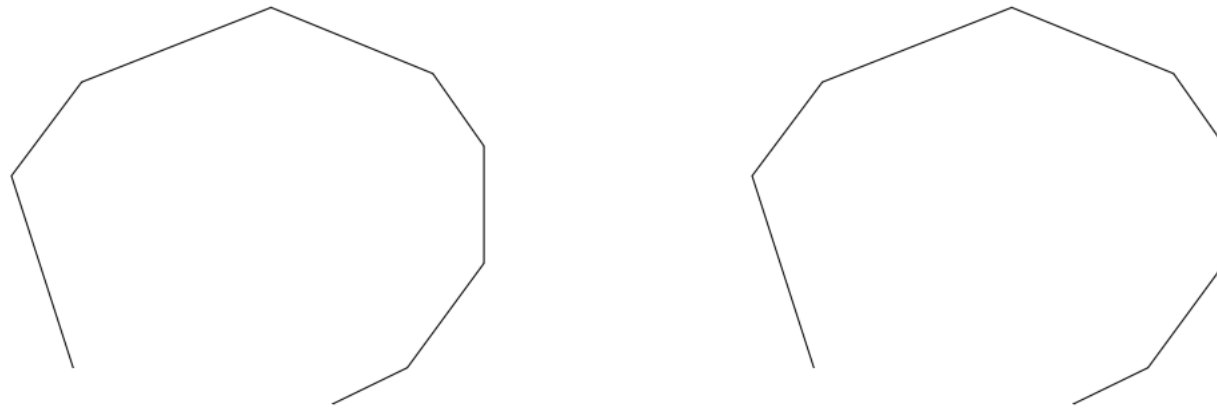
Drawing commands



Line
Polyline
Circle
Arc
Polygon
Ellipse
Spline
Hatch



According to the general public, lines and polylines are essentially the same...
...that's why the general public is usually wrong!

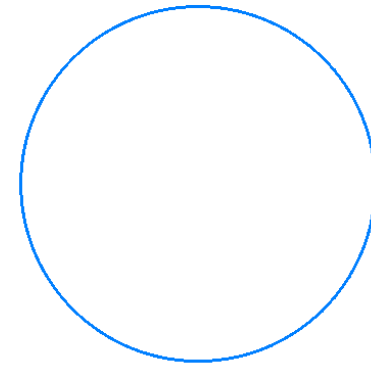


Although lines and polylines may look identical, they are not! A polygon composed of lines is a series of different vector items sharing some common coordinates; a polygon composed of a single polyline is a single vector item.

Drawing commands



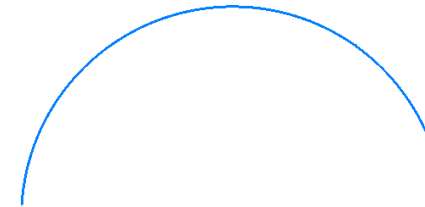
Line
Polyline
Circle
Arc
Polygon
Ellipse
Spline
Hatch



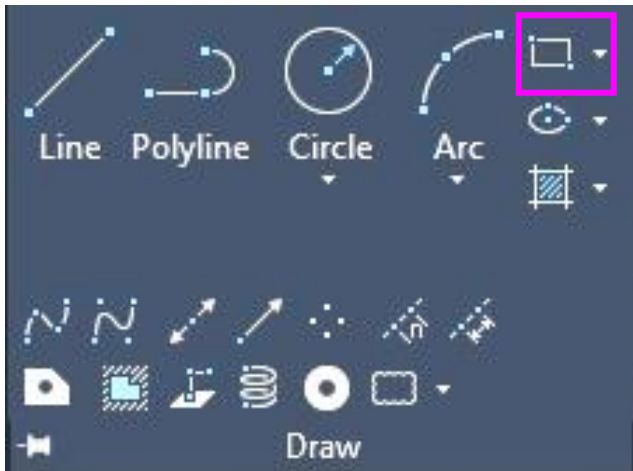
Drawing commands



Line
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Polygon
Ellipse
Spline
Hatch

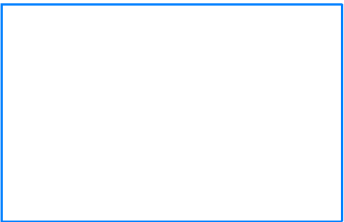


Drawing commands

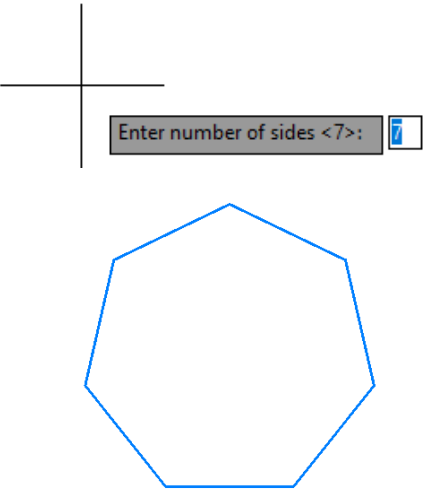


- Line
- Polyline
- Circle
- Arc
- Polygon
- Ellipse
- Spline
- Hatch

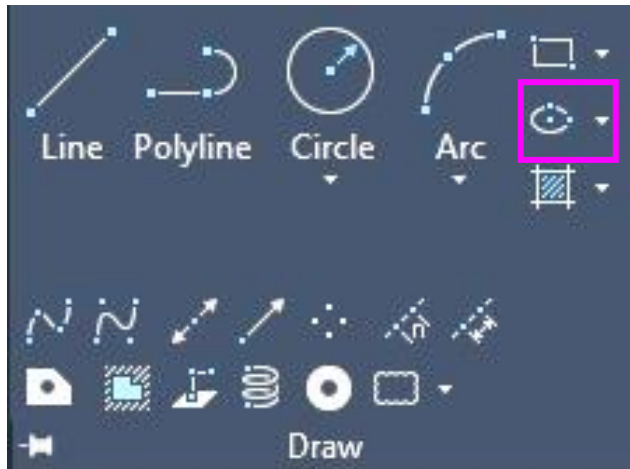
Rectangle



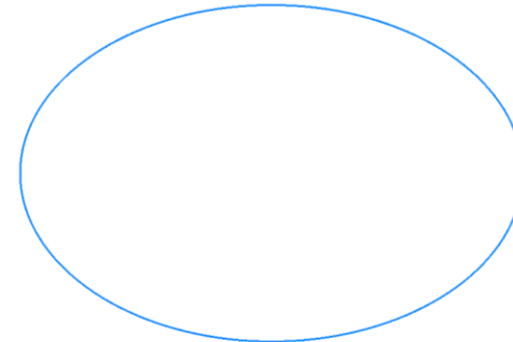
Polygon



Drawing commands



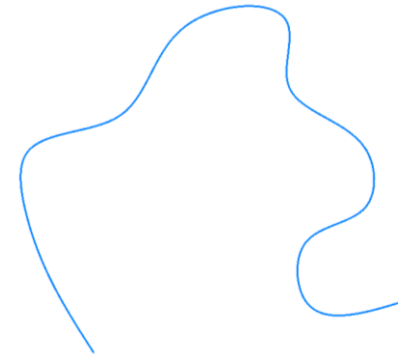
Line
Polyline
Circle
Arc
Polygon
Ellipse
Spline
Hatch



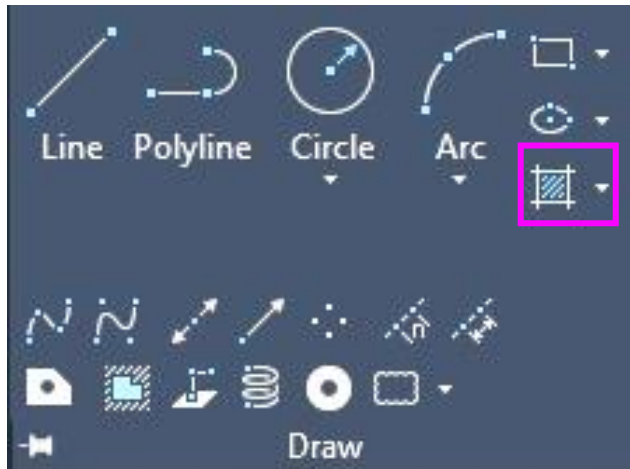
Drawing commands



Line
Polyline
Circle
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Polygon
Ellipse
Spline
Hatch



Drawing commands



Line
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