

Create lines with ThanCad

1. The first exercise is to make lines. In the command window you type:

LINE

Then you type the coordinates of the 1st point:

1.1,2.33

Then type the coordinates of the next point:

3.23,4.88

Then type the coordinates of the next point, etc. Press <enter> on the keyboard when you finish the points.

2. The coordinates are typed:

x,y

The decimal point is the dot, and the coma separates x from y.

You may abbreviate the command LINE to its first letter

L

The commands may be given in small letters instead of capital letters.

3. In order to zoom in (or zoom out) so that the entire drawing fits in the screen type:

ZOOM <enter>

EXTENTS <enter>

The command ZOOM may be abbreviated to Z, and EXTENTS may be abbreviated to E:

Z

E

4. You can also zoom in or out, by rotating the mouse wheel, up or down.

5. If you want to erase one of the lines, type the command:

ERASE

This command may be abbreviated to its first letter:

E

A small rectangle appears. Move it using the mouse to the line you want to erase, and click.

The line changes color, which means that the line is selected.

This way, you may select more lines if you want.

Then press enter to erase the selected lines.

6. If you accidentally erased something, you can undo the previous action, with the command:

UNDO

This command may be abbreviated to its first letter:

U

7. You can "undo" the UNDO with the command:

REDO

Note that this is exactly how you make lines, erase, undo etc. with AutoCAD.

Instead of typing the commands, you can select them from the EDIT, VIEW, DRAW or MODIFY menu. This used to be the case for AutoCAD too. However AutoCAD ditched menus for the much less usable ribbon.

Layer: 0

Change Layer..



point

firefox



ThanCad 0.6.7 "Students2021"

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0.6.5: Algorithm for regular polygons contributed by Spyros Nikolaou

Command: |

World xyz:

This is ThanCad

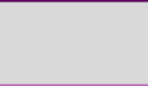
Layer: 0

Change Layer..



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0.6.5: Algorithm for regular polygons contributed by Spyros Nikolaou
Command: L
line
First line point (c=continue existing line): |

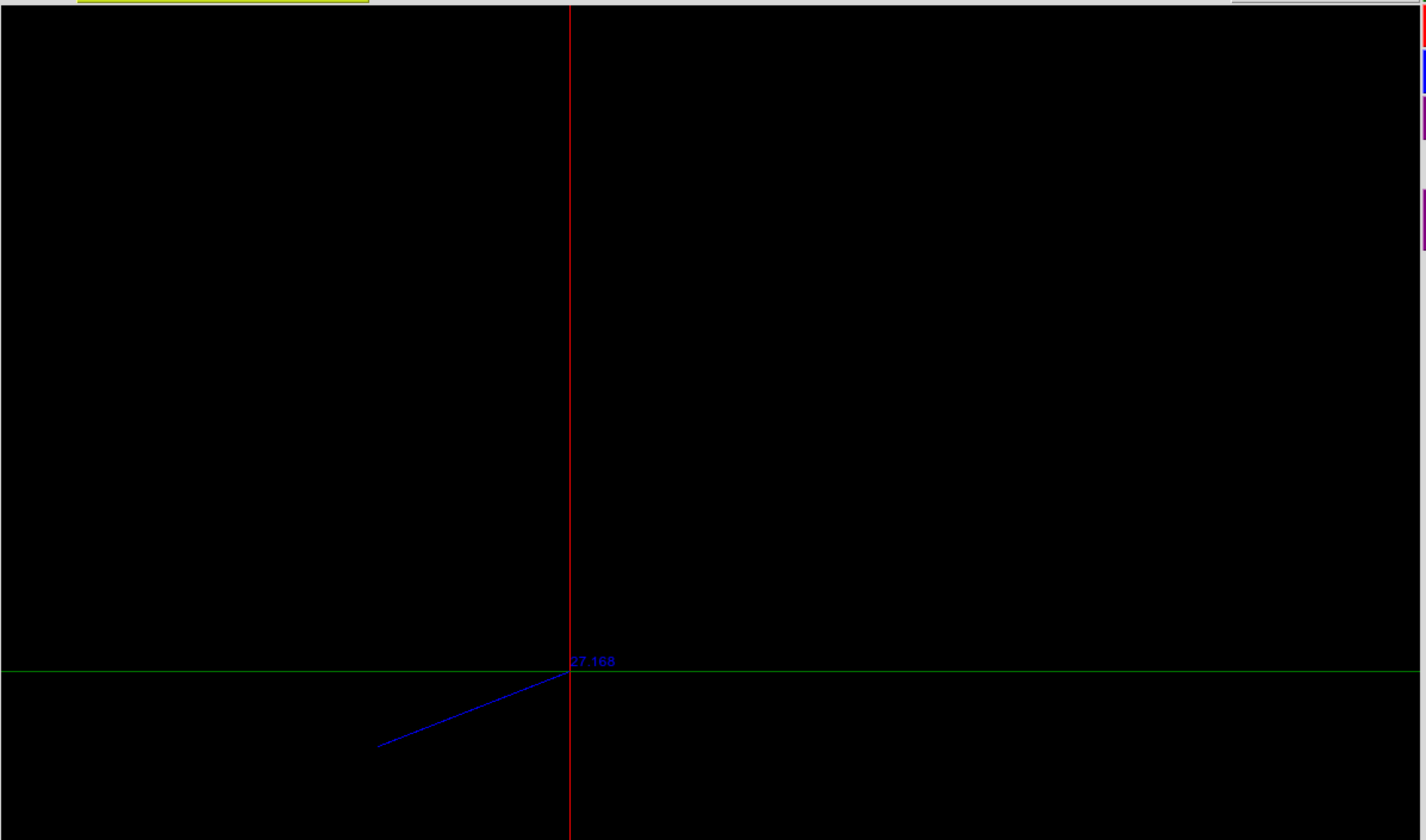
World xyz:

This is ThanCad

Layer: 0

Change Layer..

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- point
- firefox
- 



0.6.5: Algorithm for regular polygons contributed by Spyros Nikolaou
Command: L
line
 First line point (c=continue existing line): 1.1,2.33
 Next line point: |

Layer: 0

Change Layer..



point

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Command: L

line

First line point (c=continue existing line): 1.1,2.33

Next line point: 3.23,4.88

Next line point (undo/<enter>): |

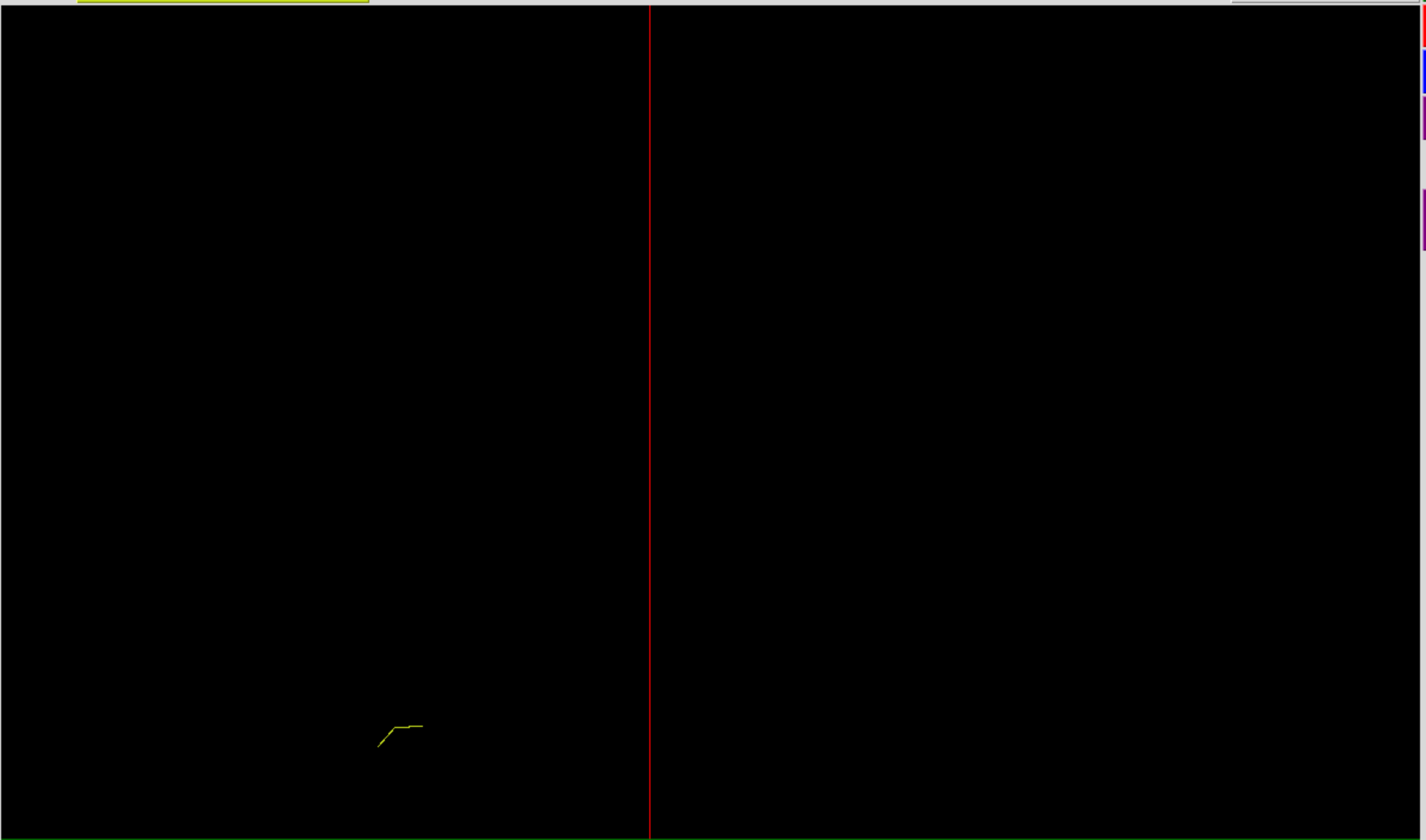
World xyz:

This is ThanCad

Layer: 0

Change Layer..

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- 



```

line
First line point (c=continue existing line): 1.1,2.33
Next line point: 3.23,4.88
Next line point (undo/<enter>): 7,5
Next line point (undo/close/<enter>): |

```

Layer: 0

Change Layer..



point

firefox



First line point (c=continue existing line): 1.1,2.33

Next line point: 3.23,4.88

Next line point (undo/<enter>): 7,5

Next line point (undo/close/<enter>):

Command: |

World xyz:

This is ThanCad

Layer: 0

Change Layer..



point

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Next line point (undo/close/<enter>):

Command: Z

zoom

Specify corner of window, enter a scale factor (nX or nXP), or
(All/Center/Dynamic/Extents/Previous/Scale/Window/seLection) <real time>:|

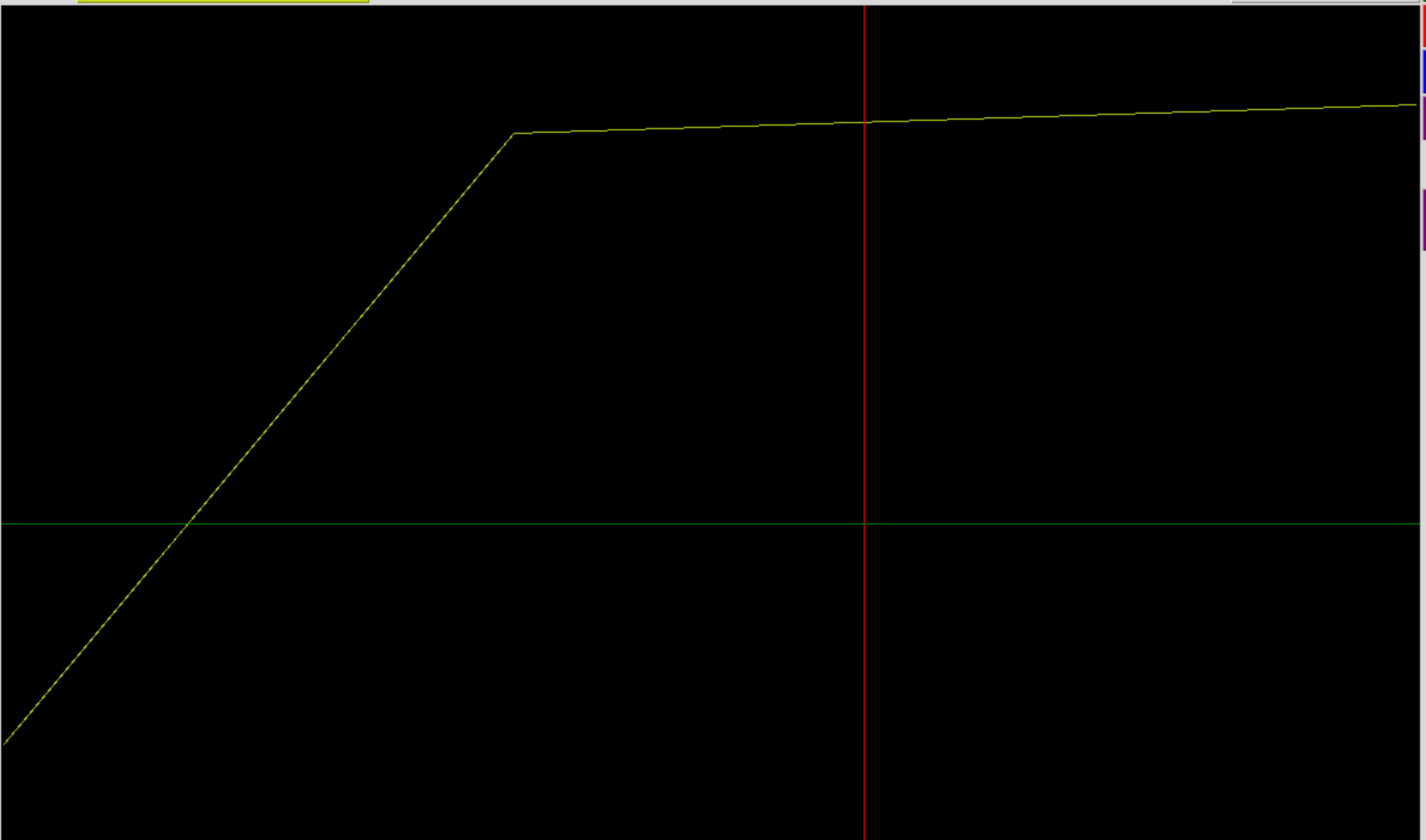
World xyz:

This is ThanCad

Layer: 0

Change Layer..

- 
- 
- point
- firefox
- 



Command: Z
zoom
 Specify corner of window, enter a scale factor (nX or nXP), or
 (All/Center/Dynamic/Extents/Previous/Scale/Window/seLection) <real time>:E
Command: |

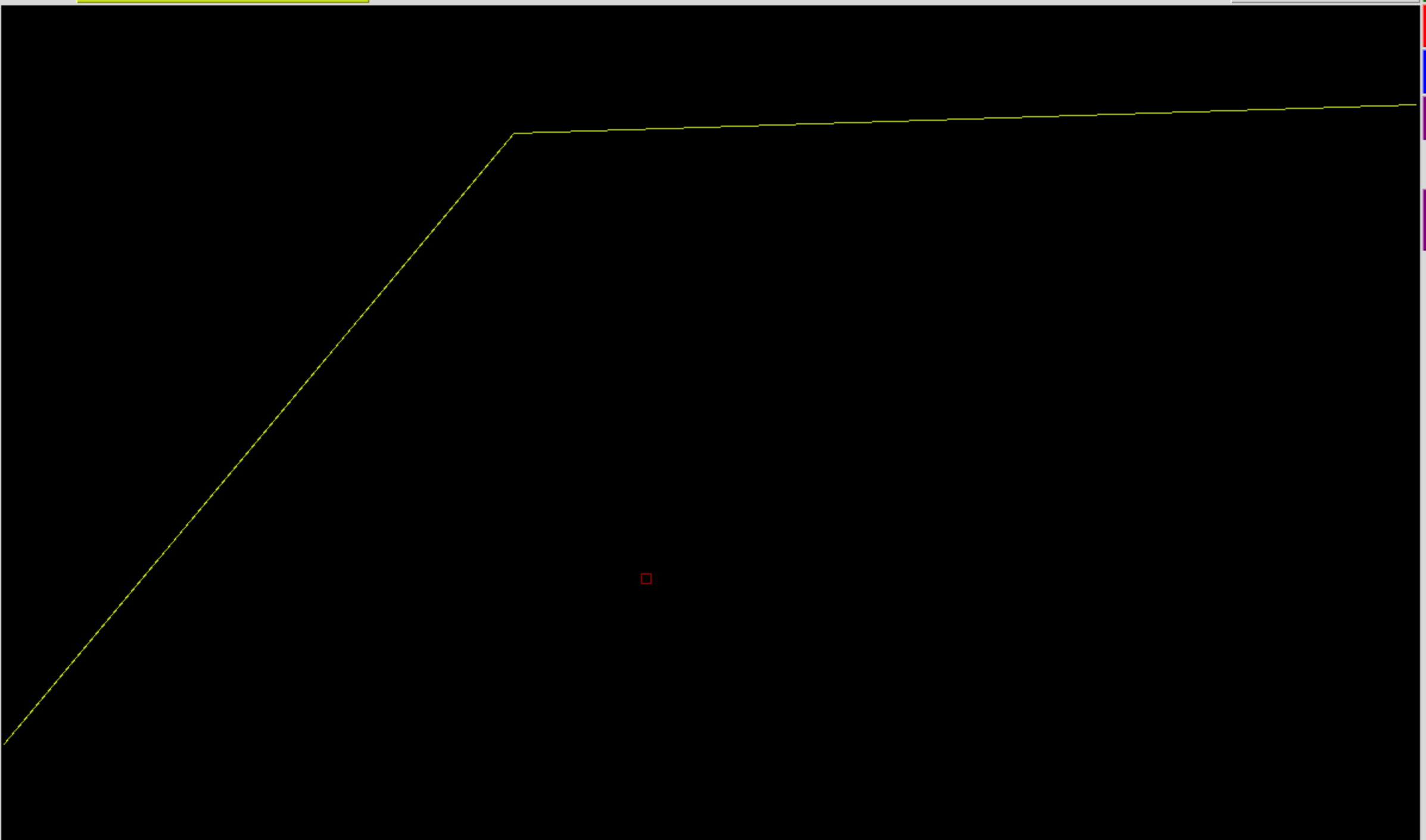
Layer: 0

Change Layer..



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0.6.5: Algorithm for regular polygons contributed by Spyros Nikolaou
Command: E
erase
Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous): |

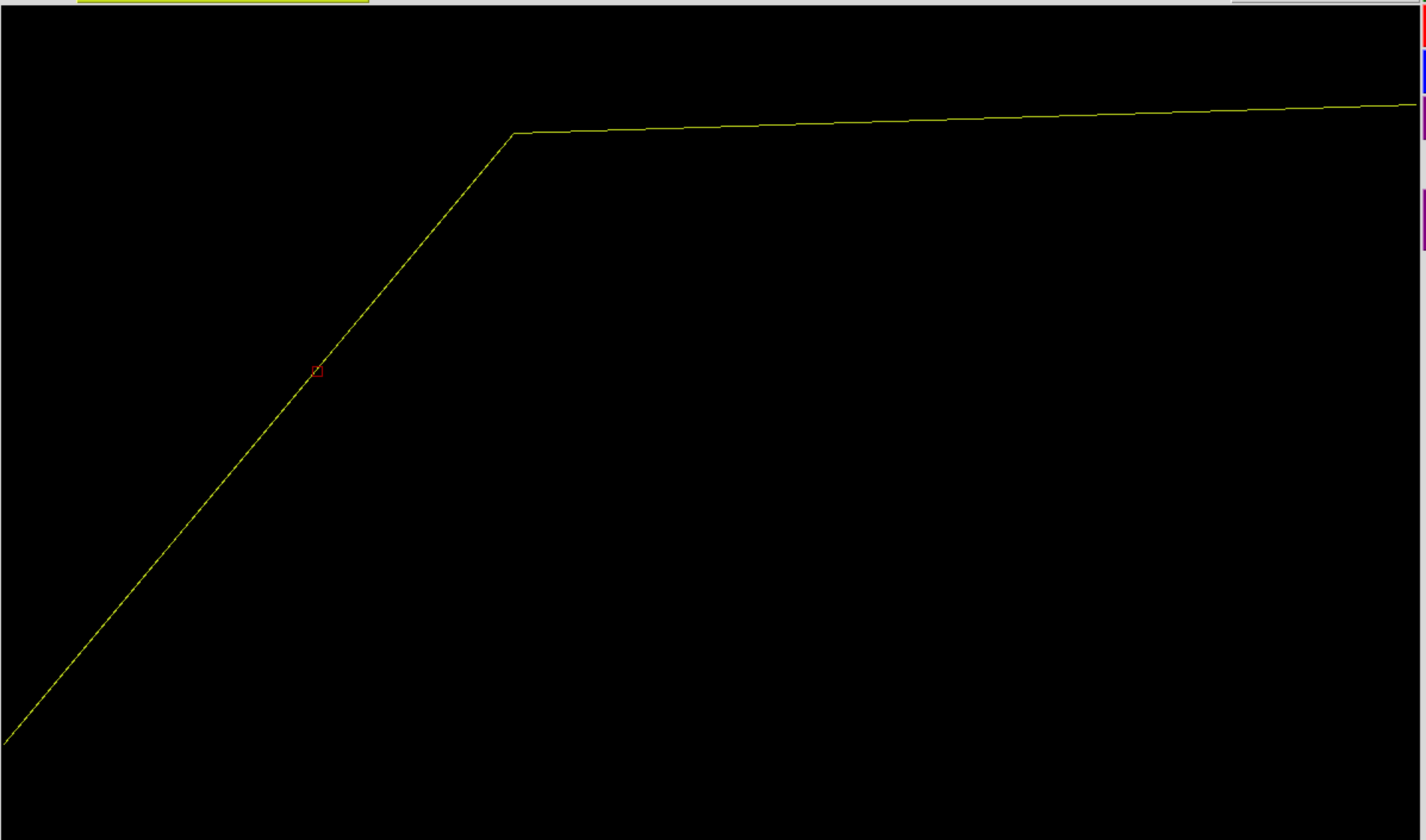
Layer: 0

Change Layer..



point

firefox

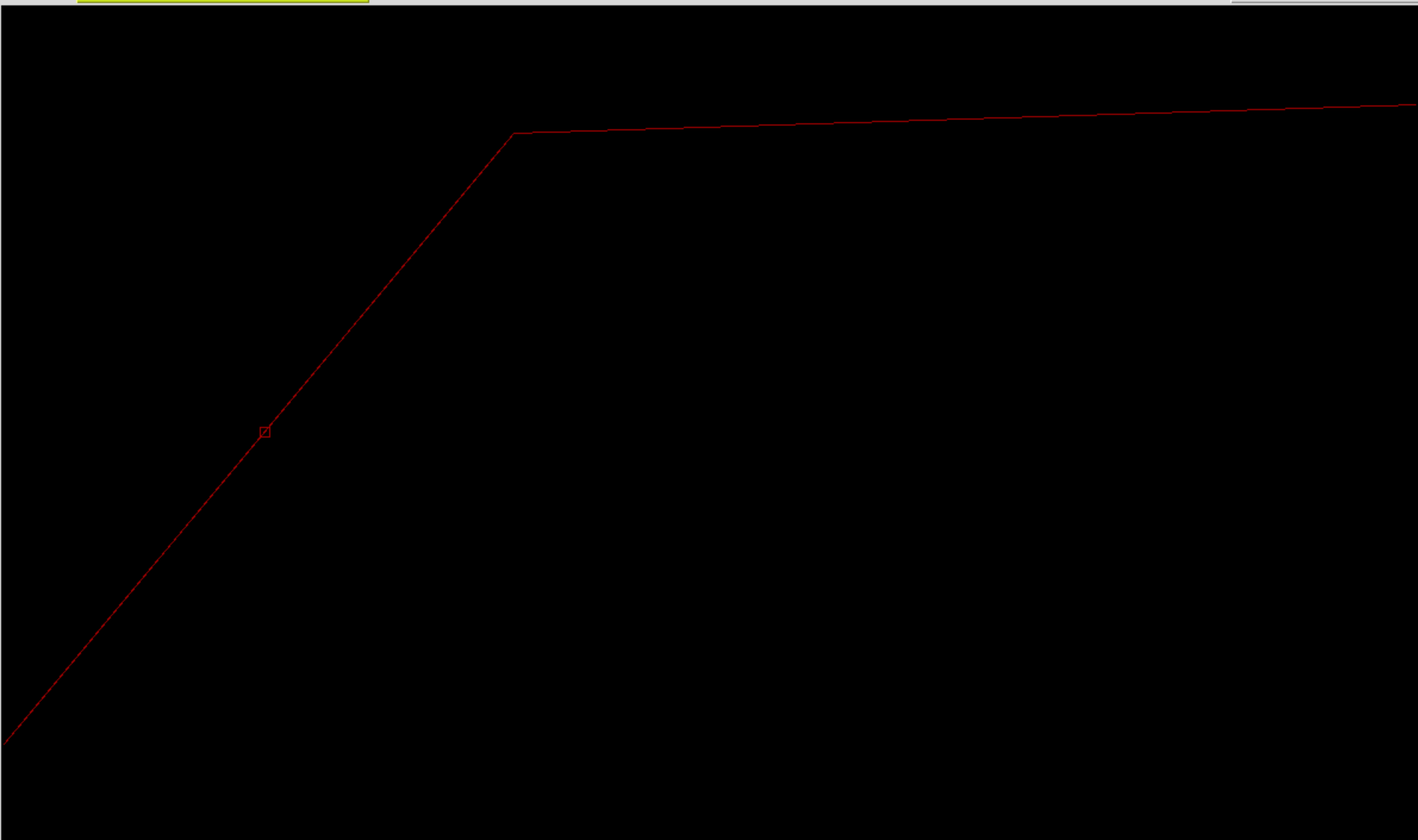


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0.6.5: Algorithm for regular polygons contributed by Spyros Nikolaou
Command: E
erase
Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous): |

Layer: 0

Change Layer..

- 
- 
- 
- 
- 



Command: E
erase
Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous): 2.184 3.637 0.000
1 elements added (0 duplicate).
Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous): |

World xyz: 2.184 3.637 0.000

File Edit View Image Format Tools Draw Engineering Photogrammetry Modify Research Developer Window Help

Layer: 0

Change Layer..



point

firefox



erase

Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous): 2.184 3.637 0.000

1 elements added (0 duplicate).






Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous):

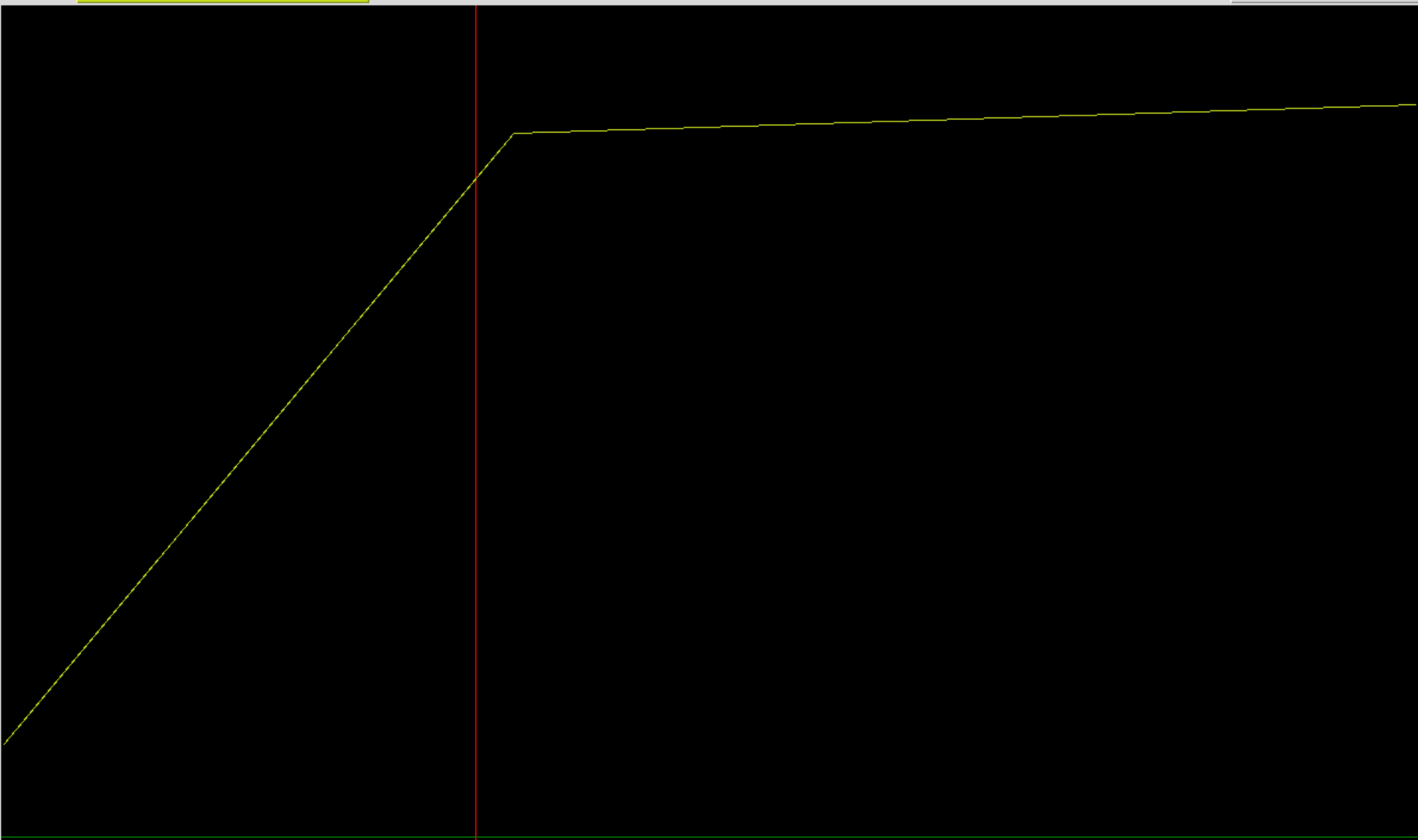
Command: |

World xyz: 2.184 3.637 0.000

Layer: 0

Change Layer..

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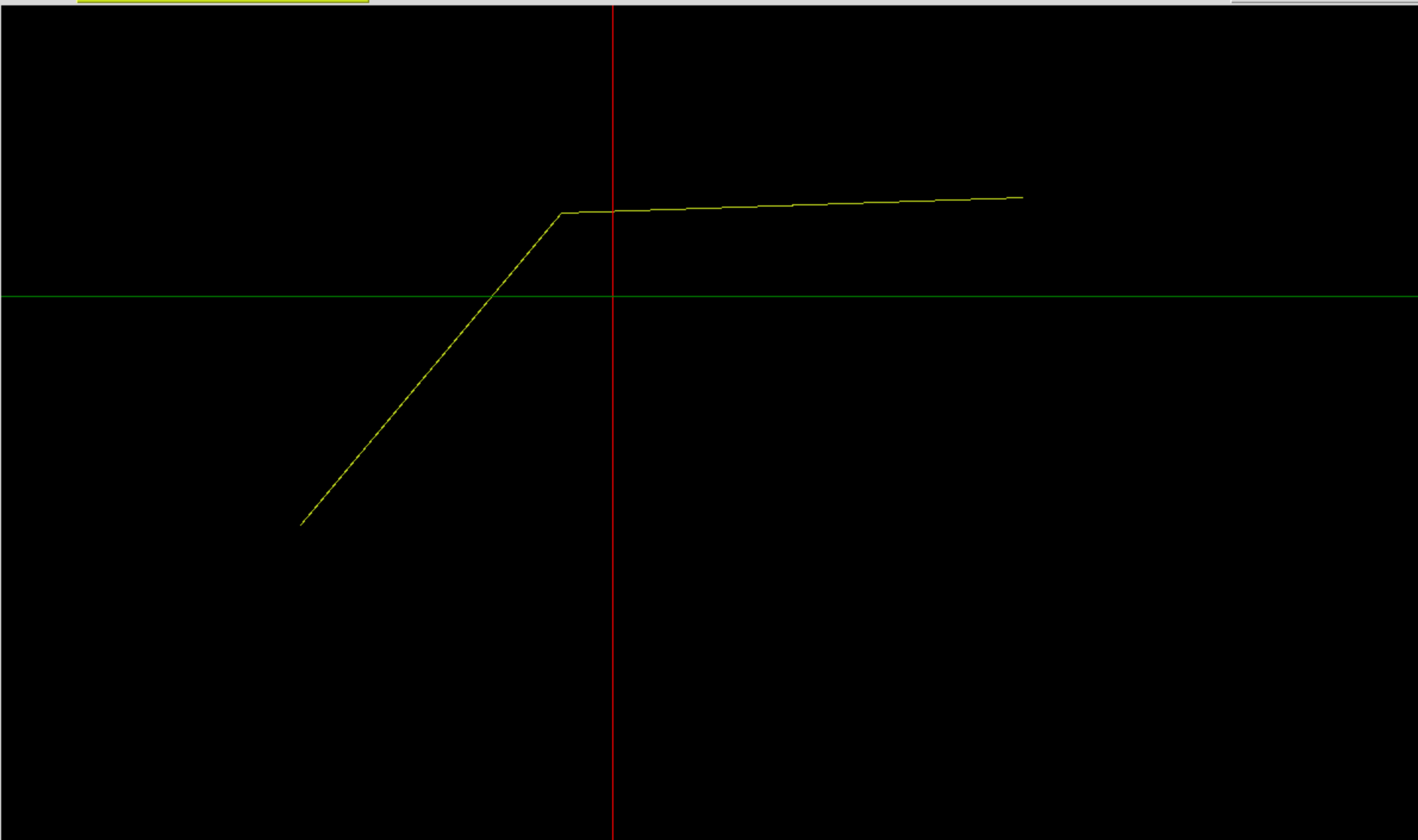
Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous):
Command: U
undo
Undo erase
Command: |

World xyz: 2.184 3.637 0.000

Layer: 0

Change Layer..

- 
- 
- point
- firefox
- 



Select an element (w=window/c=crossing/l=layers/f=layer of/p=previous):
Command: U
undo
Undo erase
Command: |

World xyz: 2.184 3.637 0.000