Line Command

ANGLE (A) option is added for line command, with this option you can get a fast way to draw a line without assistance of the polar or a xline. You can directly input the angle value refers to X axis as well as you can take other line as reference to input the angle value and even you can input the angle value directly refers to previous line.
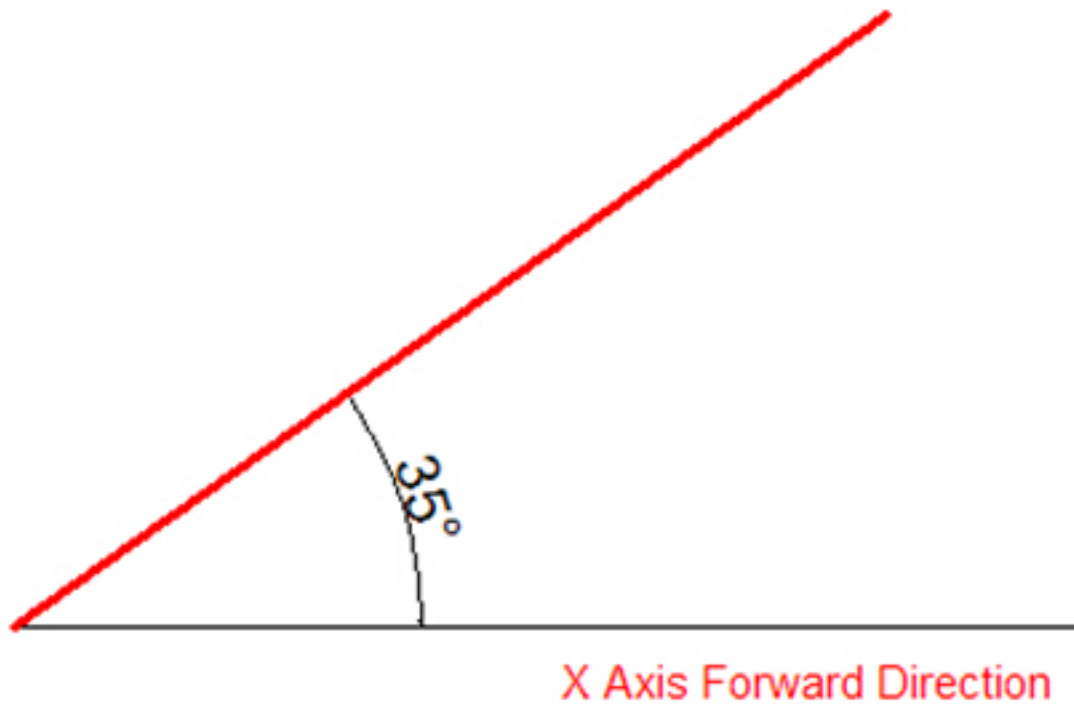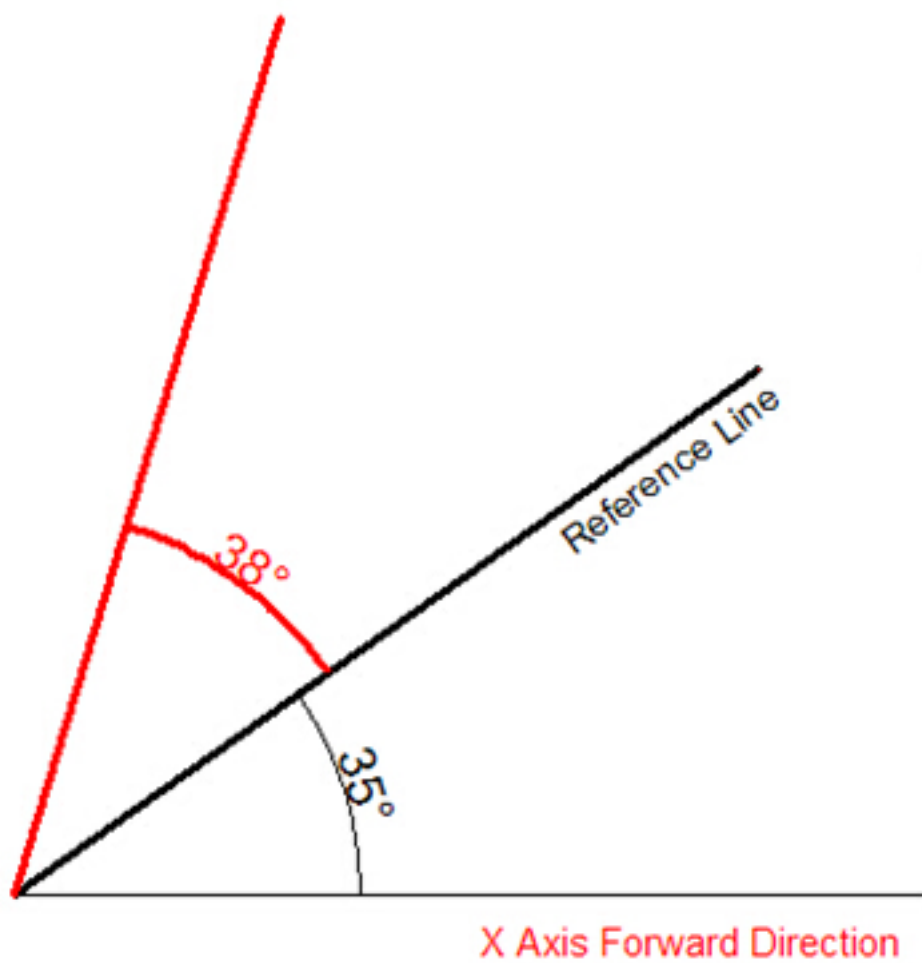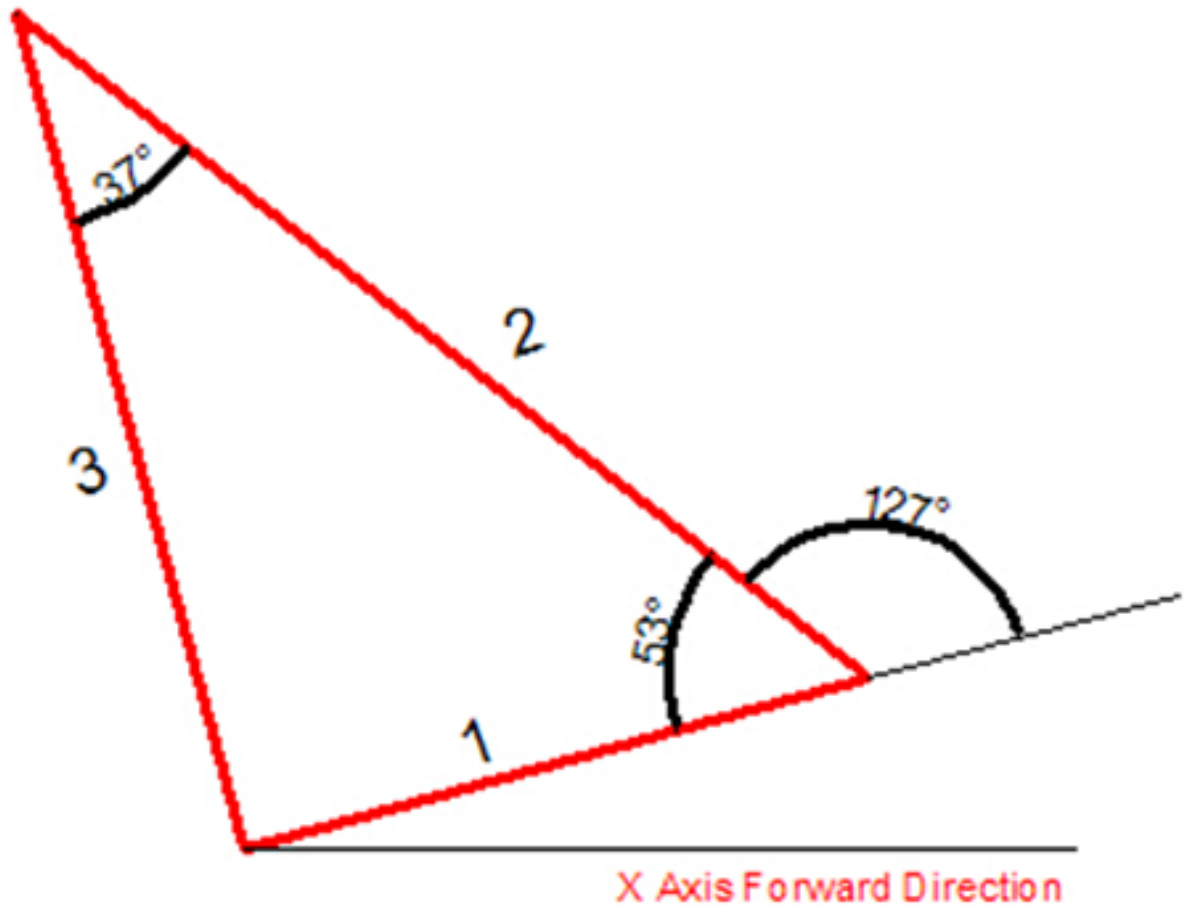

Figure 1-1

38°

Reference Line

35°

X Axis Forward Direction

Figure 1-2

Figure 1-3

Practice example:

To draw the red line in Figure 1-1, the steps as below:

1. Execute line command
2. Specify first point:
3. Specify next point or [Angle/Length/Undo]:a
4. Specify angle [Reference] <0>:35(Software will take the X axis as reference)
5. Length of line: 500

To draw the red line in Figure 1-2, the steps as below:

1. Execute line command
2. Specify first point:
3. Specify next point or [Angle/Length/Undo]:a
4. Specify angle [Reference] <0>:r
5. Select a line object: (Please select the reference line)

6. Specify an angle: 38 7. Length of line: 500

To draw the red line in Figure 1-3, the steps as below:

1. Execute line command (to draw the line 1).
2. Specify first point:
3. Specify next point or [Angle/Length/Undo]: l
4. Specify length: 300
5. Specify next point or [Angle/Length/Undo] (to draw the line 2): a
6. Specify angle [Reference/reference to Previous/Included angle] <0>: p(Here you can try reference to Previous option which will take the extension of the previous line as reference)
7. Specify an angle: 127
8. Length of line: 500
9. Specify next point or [Angle/Length/Closed/Undo]:a (to draw the line 3)
10. Specify angle [Reference/reference to Previous/Included angle] <0>: I (Try Included angle option)
11. Specify an angle: 37
12. Length of line: 400

Online URL: https://www.gstarcad.com.my/knowledge/article/line-command-1023.html