

## -UNITS command

2416 GstarCAD MY /KW August 24, 2021 [CAD Commands](#) 0 2789

The "-UNITS" command is used to control the display format and precision of coordinates and angles.

### Command Prompts:

Report formats: (Examples)

1. Scientific 1.55E+01
2. Decimal 15.50
3. Engineering 1'-3.50"
4. Architectural 1'-3 1/2"
5. Fractional 15 1/2

Enter choice, 1 to 5<2>:

If users specify the Scientific, or Decimal or Engineering format, it prompts to specify the precision:

Enter number of digits to right of decimal point(0 to 8)<4>:

If users specify the Architectural or Fractional format, it prompts to enter denominator of minimum fraction:

Enter denominator of minimum fraction to display(1,2,4,8,16,32,64,128 or 256)<16>:

Then prompt to enter angle format and precision:

Systems of angle measure: (Examples)

1. Decimal degrees 45.0000
2. Degrees/minutes/seconds 45d0'0"
3. Grads 50.0000g
4. Radians 0.7854r
5. Surveyor's units N 45d0'0" E

Enter number of fractional places for display of angle(0 to 8)<0>:

Then prompt to enter the direction for angle N 90d E :

Direction for angle N 90d E:

East 3 o'clock = N 90d E

North 12 o'clock = N 0d W

West 9 o'clock = S 90d W

South 6 o'clock = S 0d E

Enter direction for angle N 90d E< N 90d E >:

The default direction for 0 degrees is to the east quadrant, or 3 o'clock. The default direction for positive angular measurement is counterclockwise.

Measure angles clockwise?[Yes/No]

Online URL: <https://www.kb2.gstarcad.com.my/article.php?id=2416>