

Chapter 4 5 POINT STAR

A. OPEN B FILE.

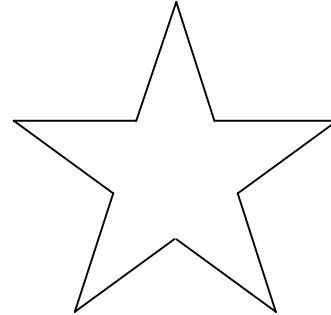
Step 1. When you start a new drawing always start with the B file. If you started this drawing as the B file go directly to Steps B. If your did not start as the B file complete these Steps:

Step 2. Click the **File** from the Menu Bar.

Step 3. Click **Open** from the File Menu..

Step 4. Click **No** to save current part.

Step 5. Key in **a:b** for the filename and press ENTER.



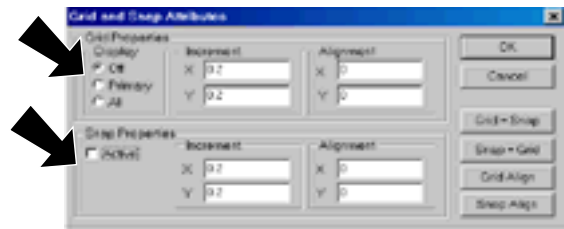
B. TURN OFF GRID AND SNAP.

Step 1. Turn off the Grid and Snap. Use **CTRL-G**. Hold down CTRL and press G.

Step 2. Click **Off** in Grid Properties Display.

Step 3. Click to **uncheck Active** in Snap Properties.

Step 4. Click OK.



C. CREATE A 5 SIDED POLYGON (PENTAGON) .

Step 1. ESC to Main Menu.

Step 2. F1 CREATE.

Step 3. F8 POLYGON.

Step 4. F1 CENTER AND RADIUS.

Step 5. Key in **5** for Number of Sides and press ENTER.

Step 6. Key in **0** for Rotation Angle and press ENTER.

Step 7. Key in **2** for Radius and press ENTER.

Step 8. F1 CORNER.

Step 9. F1 OUTLINE.

Step 10. F1 CURSOR.

Step 11. Move cursor to middle of screen and click.

Fit on Screen ALT-A

Delete CTRL-Q

Redraw CTRL-R

Half Size ALT-H

D. DRAW THE STAR IN THE CORNERS.

Step 1. ESC to Main Menu.

Step 2. F1 CREATE.

Step 3. F1 LINE

Step 4. F1 ENDPOINTS.

Step 5. F3 ENDENT. Endent will perform a search and locate the exact corner you are drawing a line to.

Step 6. Move the cursor to Intersection 1 and click, **Fig. 1**. Stretch the line to Intersection 4 and click. Continue to draw lines between Intersections: 5 and 3, 4 and 2, 5 and 2, 1 and 3, to complete like **Fig. 2**.

Step 7. Use CTRL-R to clear temporary markers. Hold down CTRL and press R.

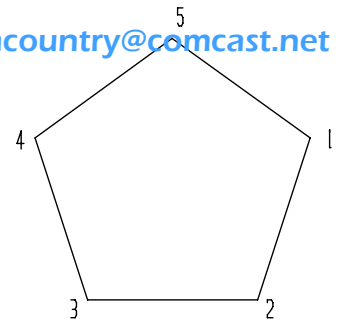


FIG. 1

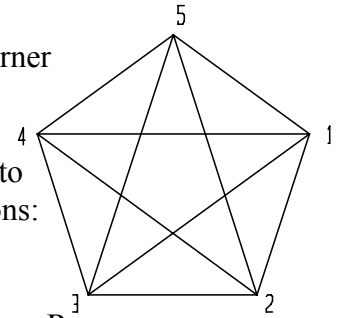


FIG. 2

E. DELETE PENTAGON.

Step 1. The pentagon is no longer needed. Use **CTRL-Q** to delete it. Hold down CTRL and press Q. Select the pentagon with a click and press ENTER.

F. EDIT USING TRIM DIVIDE.

Step 1. ESC to Main Menu.

Step 2. F2 EDIT.

Step 3. F1 TRIM/EXTEND.

Step 4. F4 DIVIDE.

Step 5. To complete the star, trim divide out the middle sections. Select the line to trim, Line 1. **Fig. 3**. Then, click the intersections of the lines to trim divide, Intersections 2 and 3. Complete like **Fig. 4**.

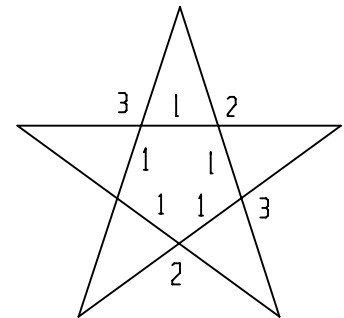


FIG. 3

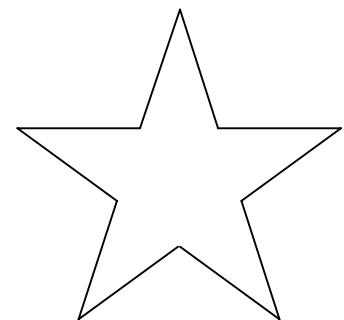


FIG. 4

G. ADD YOUR NAME AND THE PERIOD TO DRAWING.

Step 1. Use **Alt-H** to reduce the drawing half size. Hold down ALT and press H. Use: **Detail, Note, Key-In** commands to add text.

H. SAVE TO DISK.

Step 1. Click **Save As** from the File Menu. Key in **a:5star** for the filename and press ENTER. Press **ESC** for Part Description.

Fit on Screen ALT-A	Delete CTRL-Q	Redraw CTRL-R	Half Size ALT-H
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