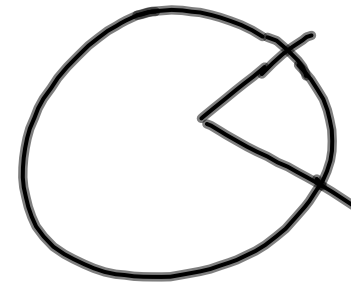
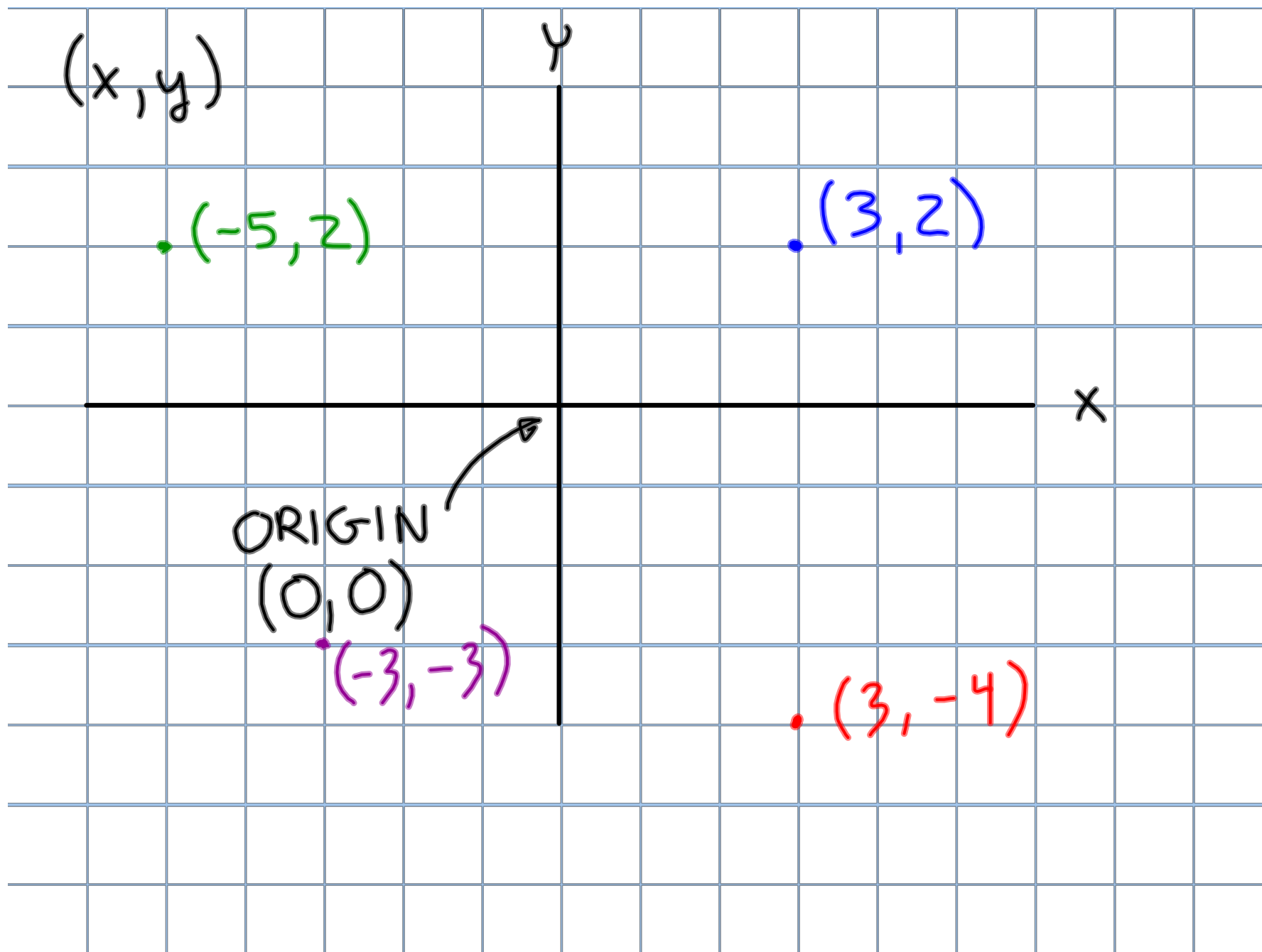


# **Cartesian Coordinate System**

## **Navigating in A+CAD**

## **and ESNAPS**





Important to know about the Cartesian Coordinate System because that is how A+CAD works.

There are 4 primary ways to place something in A+CAD:

1. Just click on the screen with the mouse  
(less precise but easy)

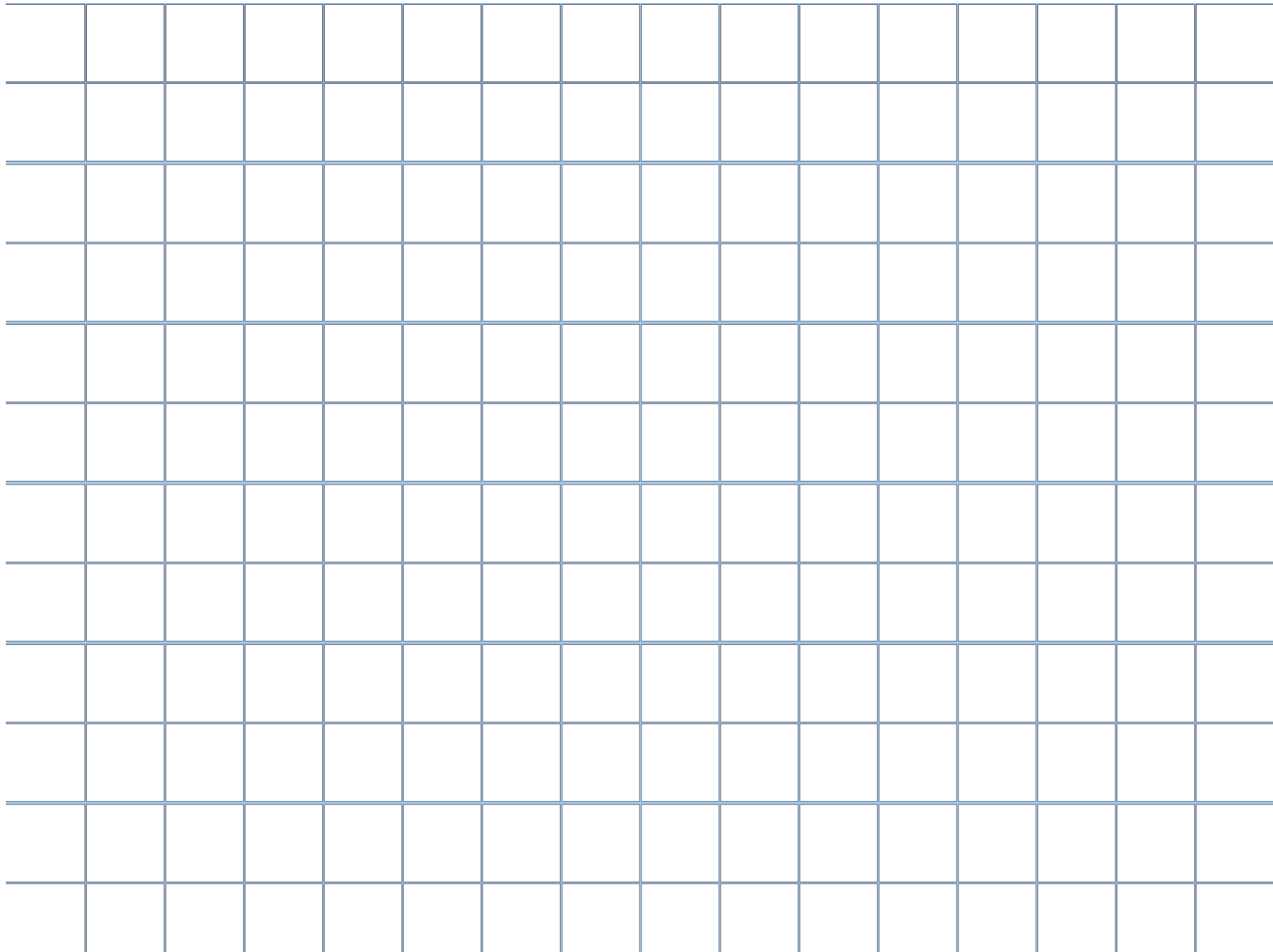
2. Absolute Coordinates  
(requires a bit of thinking)

3. Relative Coordinates  
(easier than absolute)

4. ESNAPS  
(easiest and makes things exact)

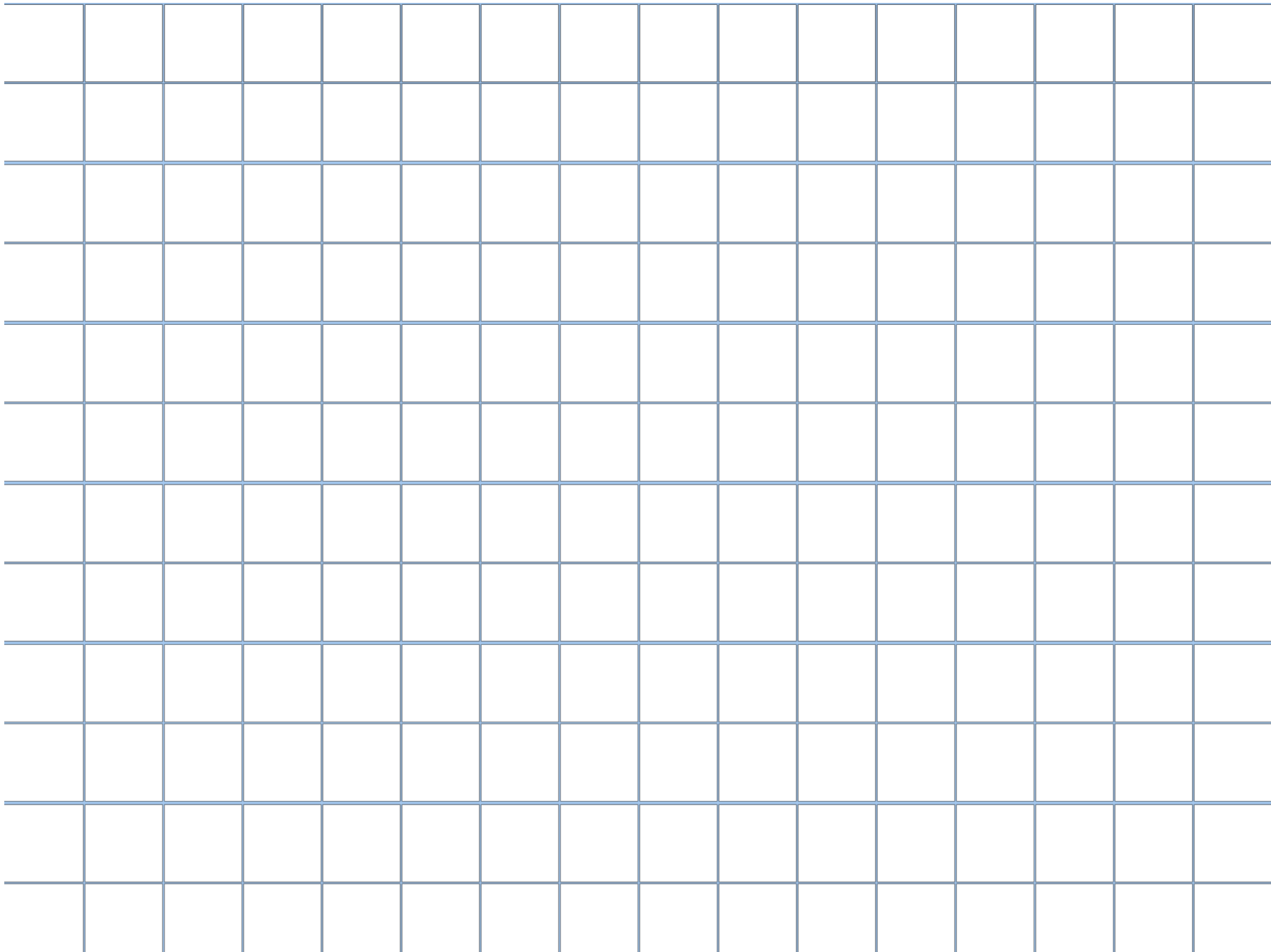
## 2. Absolute Coordinates

- WHEN A LOCATION IS REQUESTED,  
PUT IN  $x, y$
- DON'T CLICK WITH THE MOUSE



### 3. Relative Coordinates

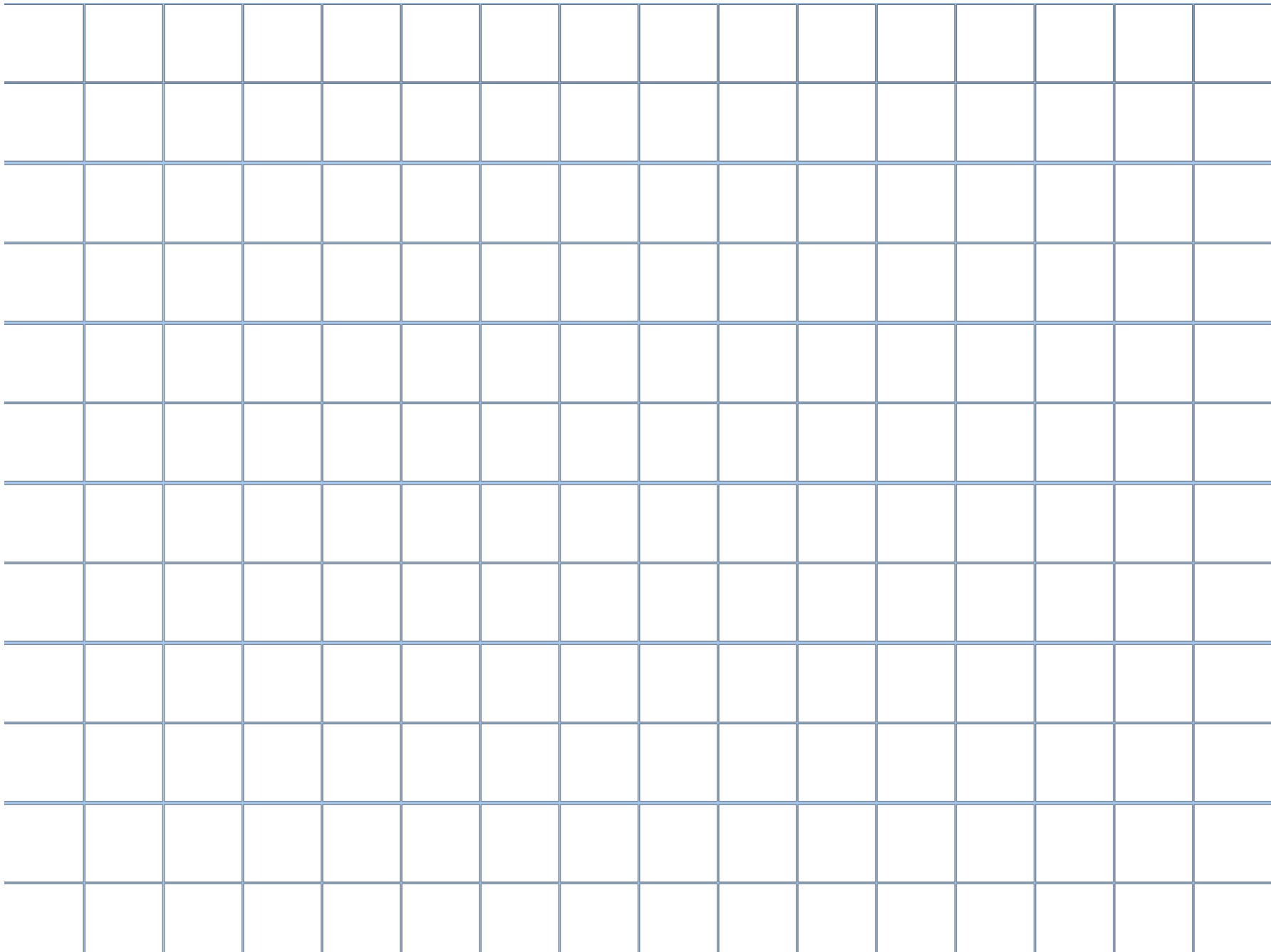
- SPECIFY A STARTING POINT WITH THE MOUSE, DRAG THE MOUSE IN DIRECTION OF YOUR LINE, & ENTER A #
  - YOU MAY WANT ORTHO ON
- OR ENTER @ x, y
  - DON'T FORGET (-) WHEN GOING LEFT OR DOWN



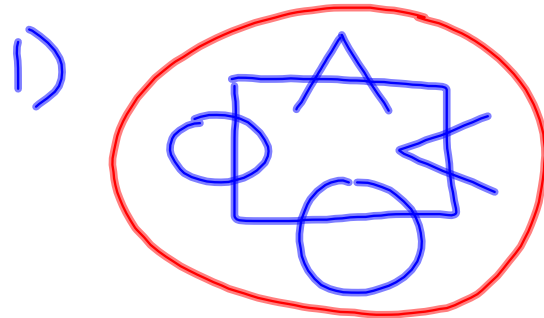


## 4. ESNAPS (short for "entity snaps")

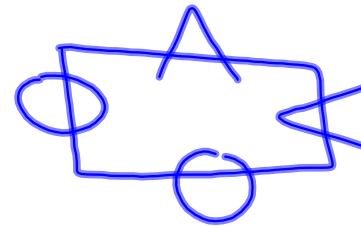
- MUST HAVE SOMETHING TO SNAP TO
- CAN TURN THIS ON/OFF
- LOOK FOR YELLOW TARGETS
  - ENDPOINT
  - △ MIDPOINT
  - CENTER OF A CIRCLE



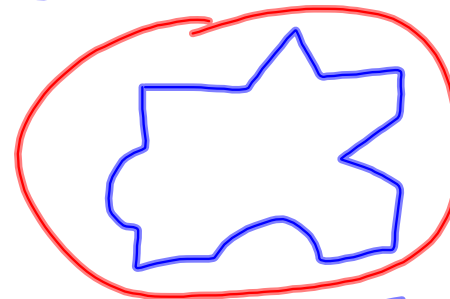
Today:



1. DRAW



2. COPY



3. TRIM TO THIS

2) CAD2

3) CAD3



YELLOW SHEET

PRINT THESE

(LANDSCAPE, USE YOUR  
NAME)