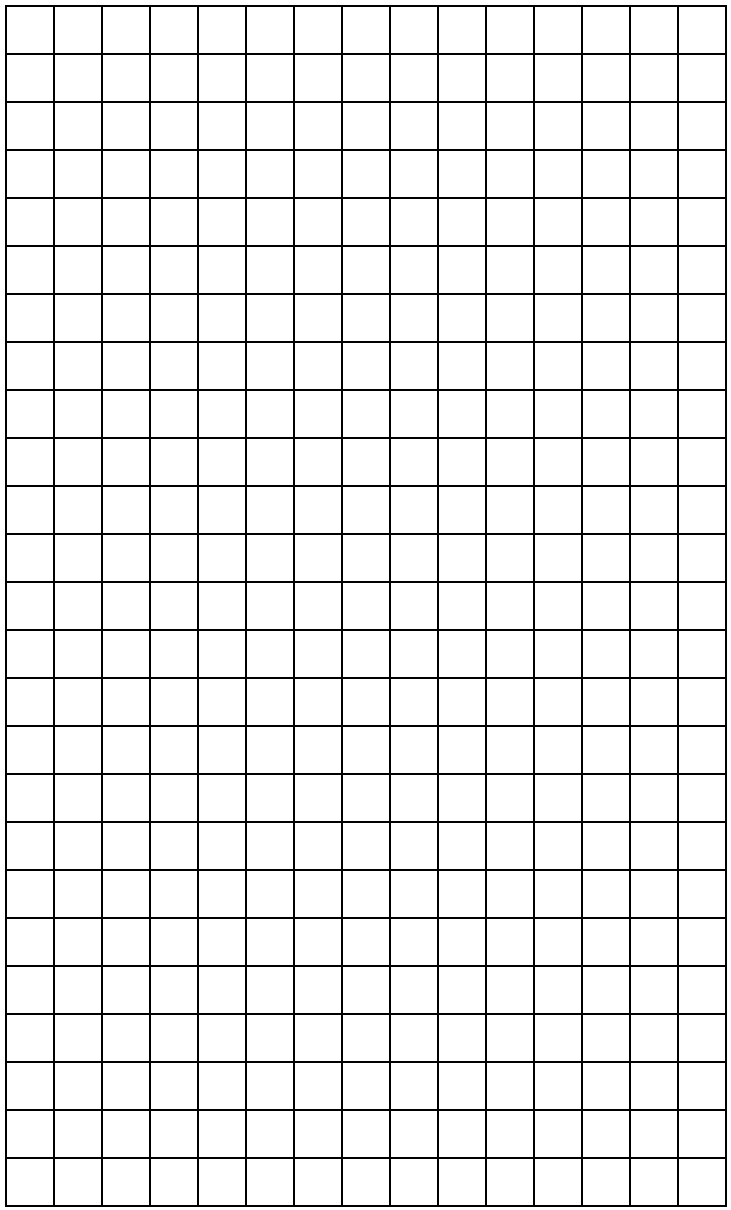
Module #1:
Drawing 2g CAD#3:

Name_____
Date _____

View Tutorial 2g

Objective: *Use relative or absolute coordinates to design.*

Use the following instructions to complete **Drawing 2g CAD#3:**

1. Draw your own shape on the grid. Label each point with a letter (use A as your first point, then go in alphabetical order).
2. Measure each line segment to the nearest **eighth** of an inch.
3. Convert your fractions to decimals. For example: $2\frac{1}{8} = 2.125$
4. Label your measurements in fractions and decimals next to each line segment on your drawing.
5. Decide whether you want to use **absolute or relative** coordinates and circle your choice at the top of the column in the chart to the right. Record your points and the **relative or absolute** coordinates for each point.
6. Open AutoCAD and set your units to inches.
7. Set your grid to .25
8. Begin your drawing at the coordinate of point A and go in alphabetical order around the figure.
9. When you have completed your drawing use the dimension tools that your learned in **Tutorial 2g** to add the dimensions of each line segment into your drawing.
10. *Save* this drawing as **CAD03** in your student folder.

Point	Relative / Absolute Coordinate X,Y
A	2,2
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