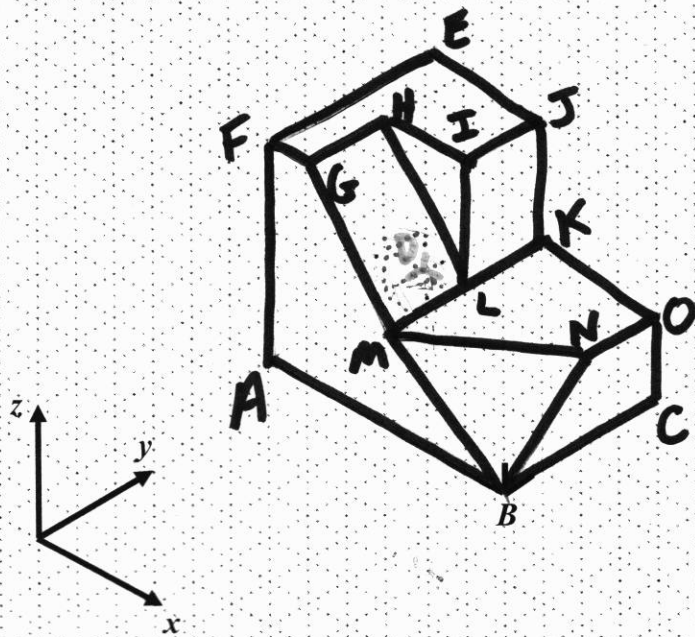


The top, front, and right side view of an object are shown here. These are 2-D views with the 2 dimensions for each view indicated (x-width, y-depth, and z-height.) A letter has been assigned to each vertex of the 3-D object. Every vertex is also labeled on the 2-D view. Often, in a 2-D view, one vertex will be directly behind another. When that occurs, the vertex closest to you is named first. For example, in the front view, the lower left corner is "AD". That means that as you look at the front view, vertex "D" is directly behind vertex "A".

Assume that each block is one unit and that vertex "A" is at point (0, 0, 0). Enter in the table the coordinates for each vertex "A" through "O". Then sketch the isometric pictorial on the grid provided, starting at the given point "B", and label each vertex with the proper letter.



	X	Y	Z
A	0	0	0
B	6	0	0
C	6	4	0
D	0	4	0
E	0	4	5
F	0	0	5
G	1	0	5
H	1	2	5
I	3	2	5
J	3	4	5
K	3	4	2
L	3	2	2
M	3	0	2
N	6	2	2
O	6	4	2

Title: Sketching 8 Homework
XYZ Coordinates

Name: KEY

CID:

Date: