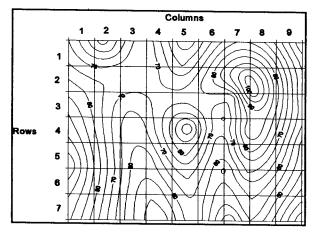
In-Class Exercise:

(1) The vector-line topographic map below is overlain with a raster grid of columns and rows. Determine the elevation of the center point of each cell in integer form, then fill in the grid-table below and create a raster-based, grid DEM data set.



72	17	70	72	82	70	82	76	60
63	68	70	10	73	80	GS	9 U	0.7
63	<u> 13 </u>	13	73	75	71	78	97-	68
87	<u>·13</u>	_63	73	90	70	フフ	35	64
92	<u>75</u>	60	65	80	65	70	15	95
97	74	8°L	<u> 98</u>	67	59	60	63	ub
86	71	95	<u>50</u>	62	<u>55</u>	52	<u>_55</u>	38

(3) Based on the map and grid layout, are the rows and columns of equal dimension? $\frac{9e}{100} \times 69e$

(4) Assume that the UTM coordinate of the upper left grid cell is 464091.499289, 4968737.872110 and that the grid system is unrotated. Write out the associated world file for this hypothetical rastergrid data structure (i.e. in the space below, what will the world file look like?)

