

Planning a Display

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Working in cooperative groups to invent a display is sometimes more productive when each student brings ideas and some concrete plans to the challenge of inventing a display that shows something about the data that students noticed, ideally some pattern or trend. To encourage individual activity before generating a display in pairs, I ask students to quickly sketch on a piece of paper what their display might look like. Then students decide together about what to construct. For example, one student might quickly make an ordered list of the data, while another might be struck by neighborhoods of values, such as in the sketch below.

A hand-drawn table on purple paper with three columns labeled 'Cluster 10', 'Cluster 150', and 'Cluster 200'. The table contains handwritten numbers in each cell, representing data points grouped into clusters.

Cluster 10	Cluster 150	Cluster 200
100	150	200
110, 125	154, 160, 170	215, 177
20, 90, 70	145, 140, 165	
30, 135, 135	165, 145, 138	
	38, 150	