

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.

Cluster 10	Cluster 100	Cluster 1000
100	150	200
110, 125	154, 160	215, 177
20, 90	145, 140, 165	
30, 135, 135	165, 145, 138	
	138, 150	