

I do not have answers typed for all of these; your best use of these problems is to attempt them and discuss them with your study group; ideally, everyone in the study group will have attempted them individually first. If your answers are the same, this is evidence you are all correct. If they differ, attempt to solve the problem together, discussing how each decision is made. You will likely resolve the discrepancy *and* learn about how these work.

For each of the following heaps, write the vector representation of the heap. Then, perform a `remove-min` operation and write the vector representation of that result. Repeat the process a few times.

Additional good practice would be inserting various numbers into these heaps or into initially empty ones. Select a heap and a number, and you and your study group each see what result you get.



