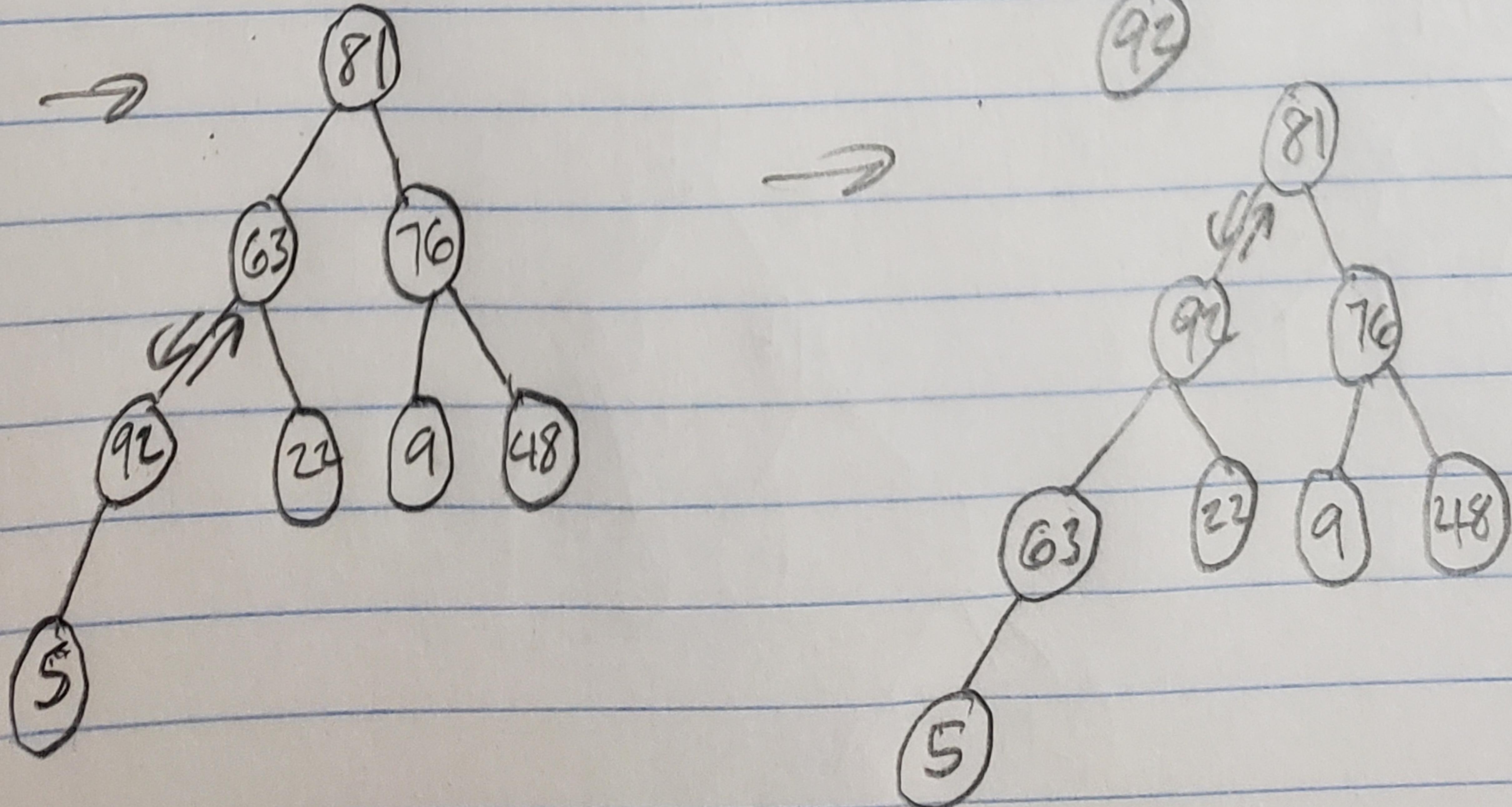
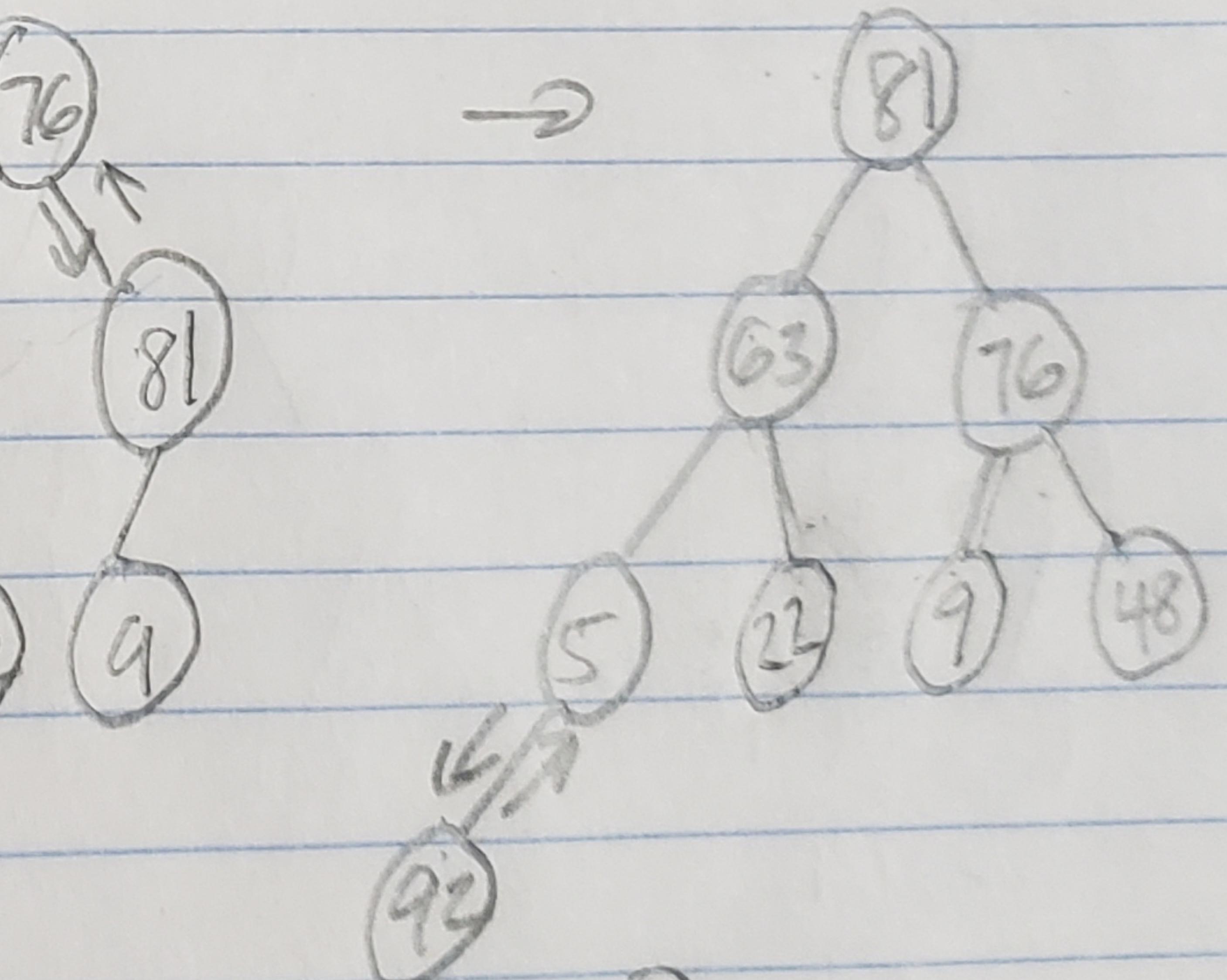
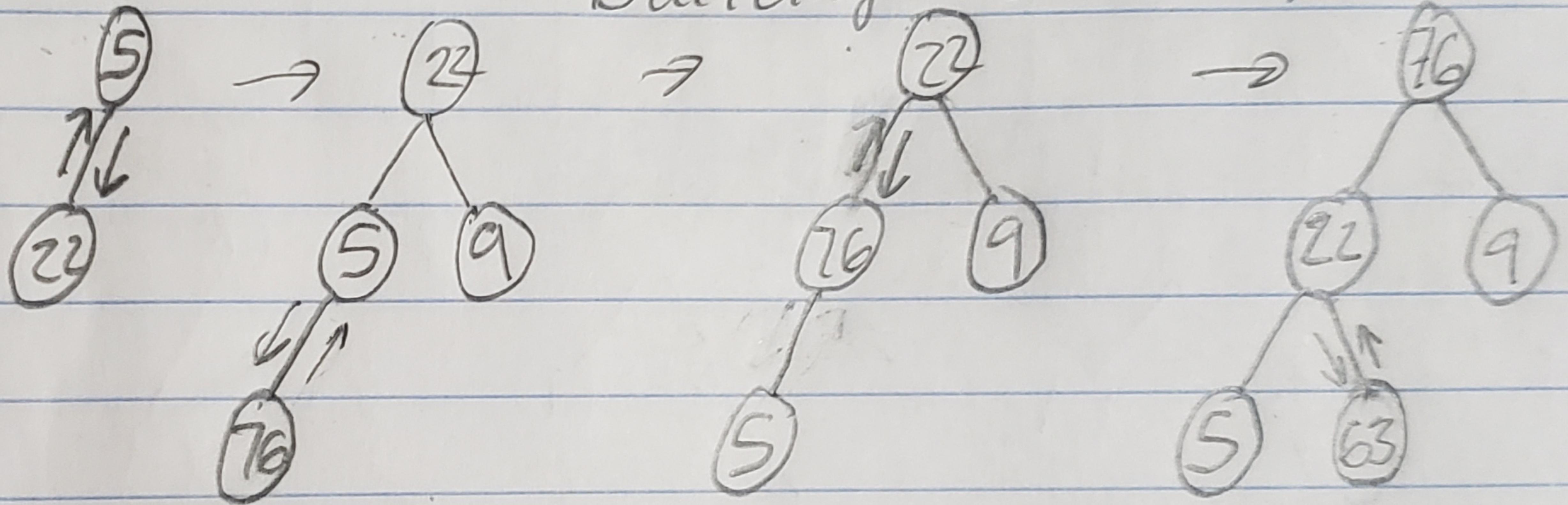
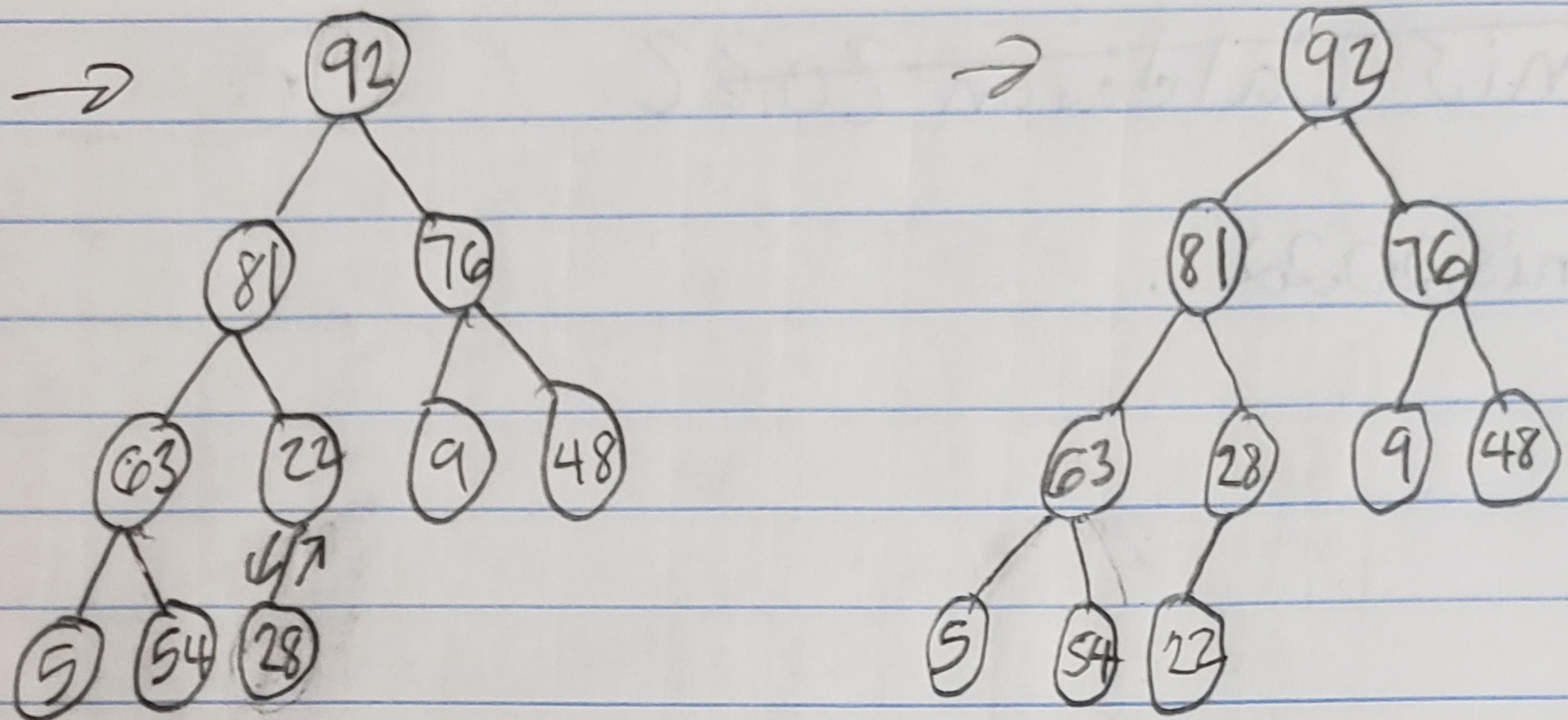


Heap Sort Home Work

[0]	5	22	22	76	76	76	81	81	81	92	92
[1]	22	5	76	22	63	63	63	63	92	81	81
[2]	9	9	9	9	9	81	76	76	76	76	76
[3]	76	76	5	5	5	5	5	92	63	63	63
[4]	63	63	63	63	22	22	22	22	22	22	28
[5]	81	81	81	81	81	9	9	9	9	9	9
[6]	48	48	48	48	48	48	48	48	48	48	48
[7]	92	92	92	92	92	92	92	5	5	5	5
[8]	54	54	54	54	54	54	54	54	54	54	54
[9]	28	28	28	28	28	28	28	28	28	28	22

Building Max heap

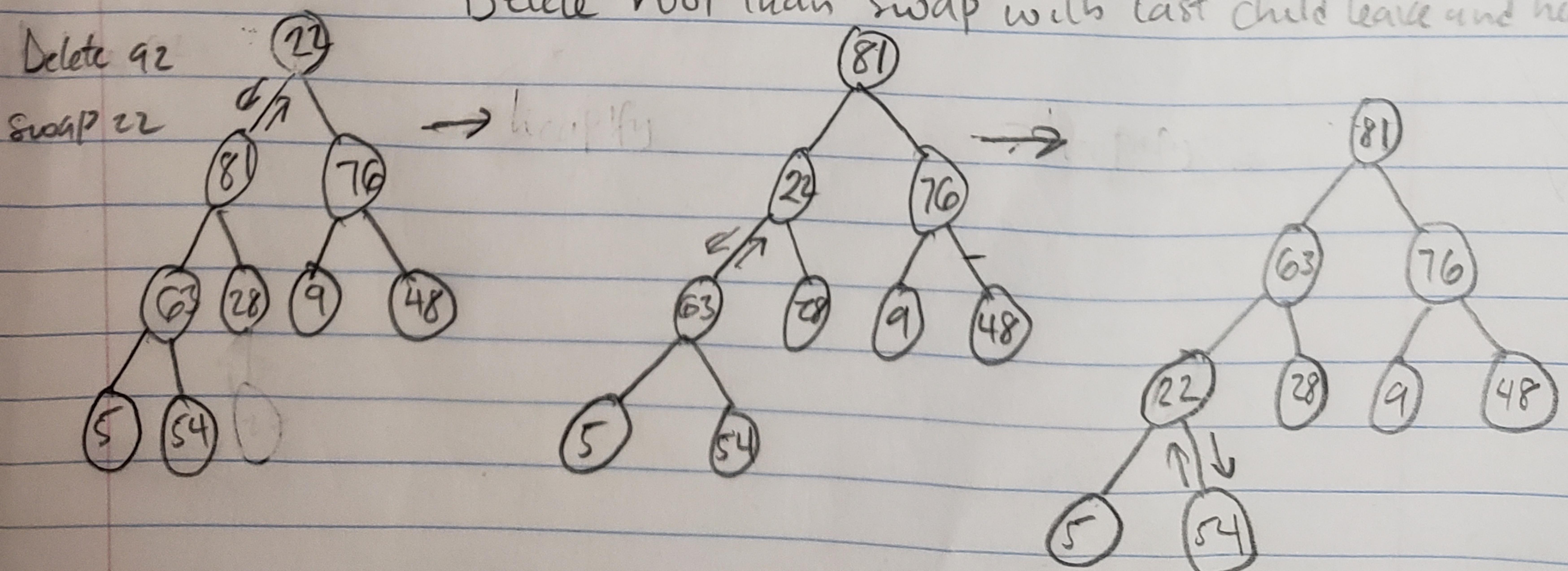


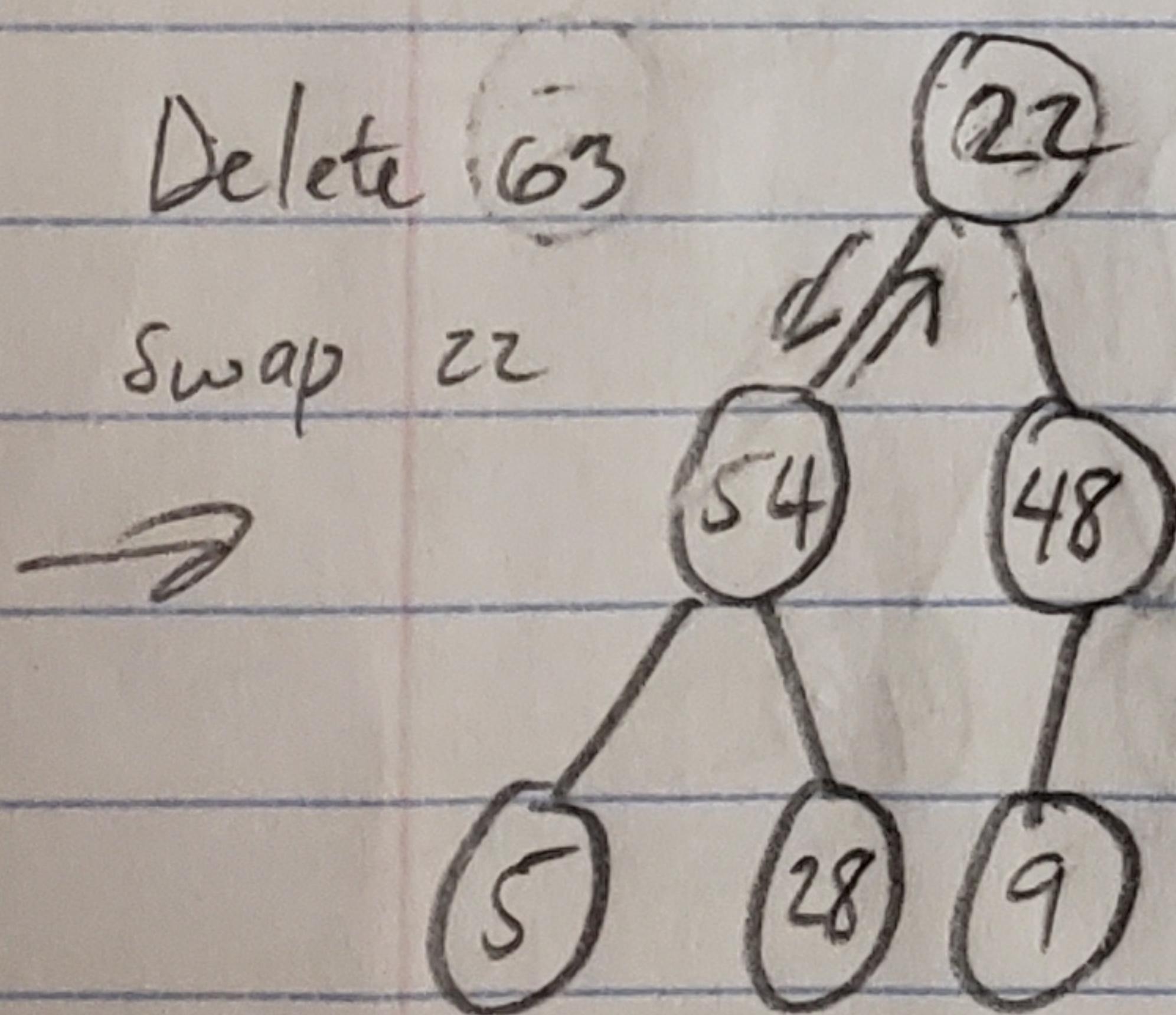
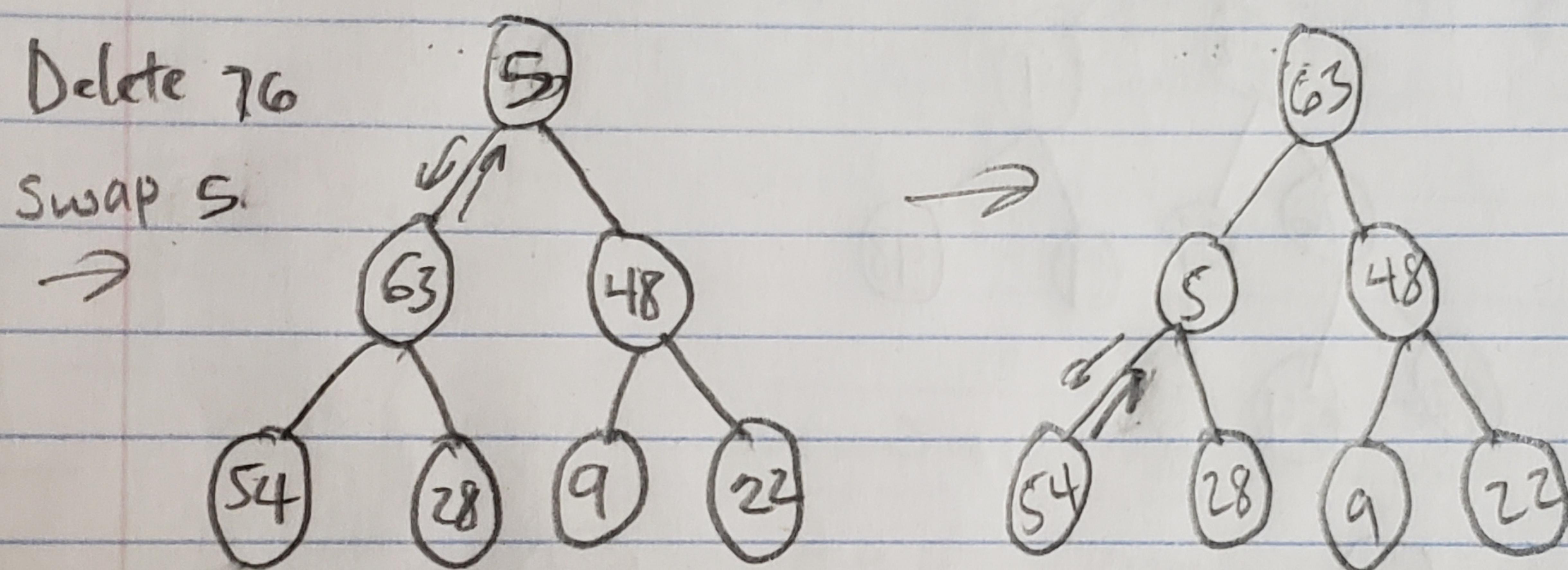
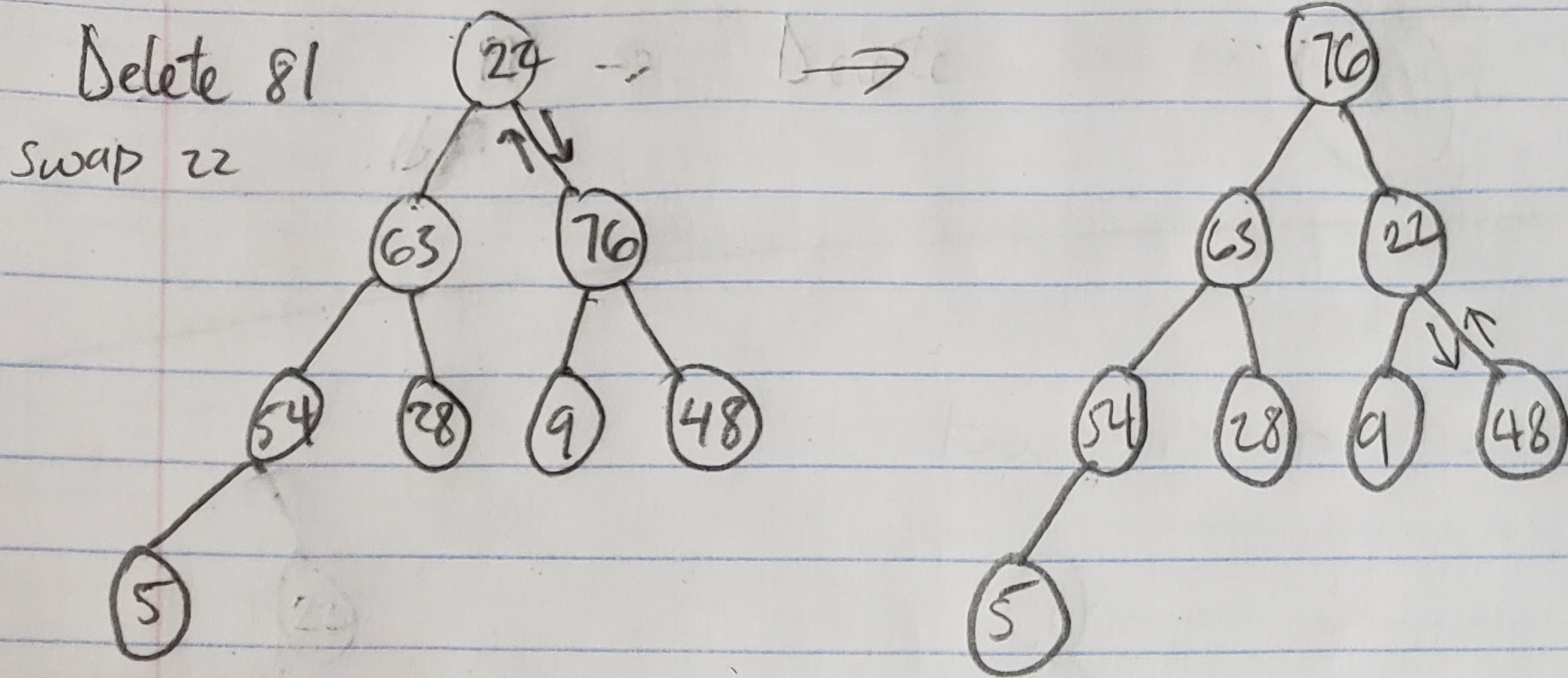


Heap sort

[0]	92	22	81	81	81	22	76	76	5	63	63
[1]	81	81	22	63	63	63	63	63	5	54	
[2]	76	76	76	76	76	76	22	48	48	48	48
[3]	63	63	63	22	54	54	54	54	54	54	5
[4]	28	28	28	28	28	28	28	28	28	28	28
[5]	9	9	9	9	9	9	9	9	9	9	9
[6]	48	48	48	48	48	48	48	22	22	22	22
[7]	5	5	5	5	5	5	5	76	76	76	
[8]	54	54	54	54	54	81	81	81	81	81	
[9]	22	92	92	92	92	92	92	92	92	92	92

Delete root then swap with last child leave and heapify





Heap sort

[0]	5	22	54	54	9	48	22	28	5	22	9	5
[1]	22	54	22	28	28	28	22	22	5	5	9	9
[2]	9	48	48	48	48	9	9	9	9	22	22	22
[3]	76	5	5	5	5	5	5	5	28	28	28	28
[4]	63	28	28	22	22	22	48	48	48	48	48	48
[5]	81	9	9	9	54	54	54	54	54	54	54	54
[6]	48	63	63	63	63	63	63	63	63	63	63	63
[7]	92	76	76	76	76	76	76	76	76	76	76	76
[8]	54	81	81	81	81	81	81	81	81	81	81	81
[9]	28	92	92	92	92	92	92	92	92	92	92	92

