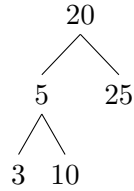


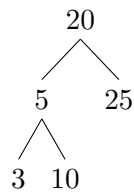
Algorithms Worksheet 5

This week there are four question worth two marks each, there are two marks for attendance.

1. This is a question about AVL trees. Add '1' to this tree and balance it.

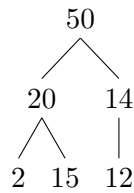


2. This is also a question about AVL trees. Add '12' to this tree and balance it.



3. Heapify the list (15, 2, 23, 19, 24, 13, 8).

4. For the heap



remove the top element and restore the heap property.