5a) Draw $K_6$:

6a) four nodes of degree $1,2,3,4$:

b) Simple, four nodes of degree $1,2,3,4$:
   Impossible, since in a simple graph, a node with degree 4 must be adjacent to 4 other distinct nodes. So there would have to be at least 5 nodes in the graph.

c) four nodes of degree $2,3,3,4$:

d) four nodes of degree $2,3,3,3$:
   Impossible. Note that for any graph the sum of all the degrees is exactly twice the number of arcs since each arc contributes exactly 2 to this sum. So the sum of all the degrees is $2|A|$, i.e. an even number. So it is impossible to have a graph where the sum of the degrees is 11, as would be the case above.