Homework 02 grading guidelines

1. b. 4 points
c. 4 points
d. 4 points
e. 4 points
g. 2 points
h. 2 points
Total: 20 points. -1 points for each mistake. 0 points if incorrect.

2. 5 points for transition table
   5 points for computation tree
   3 for showing abb is accepted
   5 points for second computation tree
   2 for showing baa is not accepted.

3. a. 5 points
   b. 5 points
       a. 5 points.
       b. 5 points. -1 points for each mistake.

4. a. to e. 4 points each

5. a. to e. 4 points each

6. 20 points for correct proof by construction in both directions. -10 if only sketch of proof is given.

7. 20 for a correct NFA.

8. 10 points for proving suffixes using an NFA with null transitions.
   5 points for proving prefixes
   5 points for proving substrings