The following question numbers are based on the 7th edition of the text book "Discrete Mathematics and its Applications" by Kenneth H. Rosen. Please write down the question number at the beginning of your solution (like: 3-8.2-4e for the third question). You can use this sheet as a cover.

1. (6 points) Section 10.4: 14
2. (3 points) Section 10.4: 22
3. (5 points) Section 10.4: 54
4. (4 points) Section 10.5: 6
5. (4 points) Section 10.5: 10
6. (8 points) Section 10.5: 26
7. (4 points) Section 10.5: 30
8. (4 points) Section 10.5: 38
9. (4 points) Section 10.7: 2
10. (8 points) Section 10.7: 8

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