

COT 3100 Fall 2020 - Homework #6 Grading Criteria

- 1) 9 pts - base case - 1 pt, inductive hypothesis - 1 pt, inductive step - 1 pt, split sum - 1 pts, plug in IH - 1 pt, complete problem - 4 pts
- 2) 9 pts - base case - 1 pt, inductive hypothesis - 1 pt, inductive step - 1 pt, split sum - 1 pts, plug in IH - 1 pt, complete problem - 4 pts
- 3) 9 pts - base case - 1 pt, inductive hypothesis - 1 pt, inductive step - 1 pt, factor out 4,25 - 2 pts, manipulate to use IH - 2 pts, complete problem - 2 pts
- 4) 9 pts - base case - 1 pt, inductive hypothesis - 1 pt, inductive step - 1 pt, use rec rel - 1 pt, use IH twice - 2 pts, complete problem - 3 pts
- 5) 9 pts - base case - 1 pt, inductive hypothesis - 1 pt, inductive step - 2 pts, split product - 1 pt, use IH - 1 pt, complete problem - 3 pts
- 6) 5 pts - Grade like the last bio, as long as it's reasonable and has the details I asked for, give full credit.

Writing the whole thing -10 penalty subtracted from regular final score.

Note: No penalty if typed and one or two drawings or written sections are attached inside pdf or doc as needed.