## Homework #6

**9.2** #22

**11.1** #17, 18

For the following problems: if the sequence converges, find its limit; if it diverges, say why.

 $\#29,\ 34,\ 35,\ 36,\ 41,\ 42,\ 45,\ 48,\ 52,\ 53$ 

 $\#79,\ 80(b.)$  (you may assume (a.)), 82 (you may assume the sequence is decreasing and bounded)