Only hand in the starred questions!
Chapter 14, page 150: $2^{*}, 3^{*}, 4^{*}, 6^{*}, 7^{*}$
Extra question:
B* Consider the class function defined on $A_{4}$ which takes the value 9 on the identity, 1 on the elements of order 2 , and 0 on the elements of order 3 . Express this function as a linear combination of characters of $A_{4}$, and show that it is in fact a character.

