1. Hatcher 2.1.1 (p.131)
2. Hatcher 2.1.3 (p.131)
3. Hatcher 2.1.5 (p.131)
4. Hatcher 2.1.7 (p.131)

5. (a) Find a $\Delta$-complex structure for the orientable surface of genus two (i.e. $T^2 \# T^2$) and compute the simplicial homology groups of this $\Delta$-complex.

(b) Do the same for an orientable surface of genus $g$ (i.e. $g$-fold connected sum of $T^2$ with itself.)