Exercise Sheet #5
(Due October 11)

1. Kempf: Ex 4.3.6, 4.3.7, Read Section 4.4

2. Hartshorne, Page 84: 1.14, 1.15, 1.17, 1.18, 1.19, 1.21

3. Hartshorne, Page 223: 4.4, 4.11.(Feel free to search the internet for proofs if you are exhausted).

4. Read about fine sheaves and the de-Rham theorem from Griffiths-Harris or Warner