

## Homework 5

1. Srednicki problem 32.1
2. Srednicki problem 83.1. (We have not covered anomalies yet, but all you need to know is that the  $U(1)_A$  is always anomalous.)
3. Srednicki problem 83.3.
4. Srednicki problem 83.6.
5. Srednicki problem 83.7.