

Chem. 1410 HW # 2. Assigned Sept 9; Due Sept. 21

1. Q2.4

2. Q2.8

3. P2.4

4. P2.31

5. Q3.8

6. Is  $1/x$  an acceptable wave function on  $(1,2)$ ? Is  $\sqrt{x}$  an acceptable wave function on  $(0,1)$ ? Justify your answers.