Physics 2a homework 6

 $\text{Chapter 7 exercises: } 7.12,\, 7.30,\, 7.32,\, 7.42,\, 7.46,\, 7.51,\, 7.53,\, 7.56,\, 7.63,\, 7.66,\, 7.78,\, 7.79.$