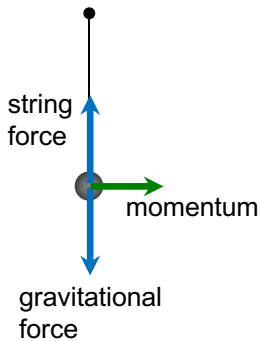
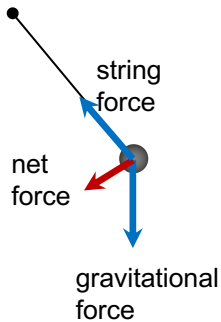


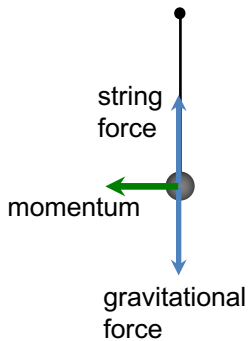
$t = 0$   
 net force right  
 no momentum



$t = T/4$   
 no net force  
 momentum right



$t = T/2$   
 net force left  
 no momentum



$t = 3T/4$   
 no net force  
 momentum left