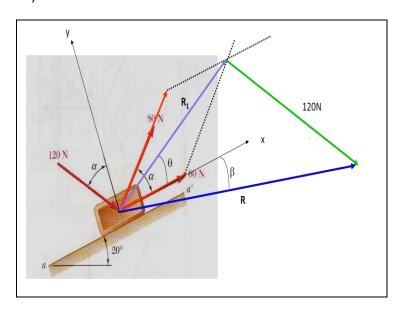
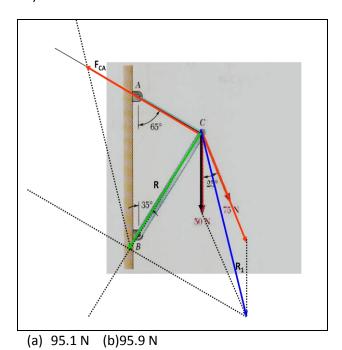
The following is a partial solution to Questions #1 and 2

1)



2)



3) This is a straight forward problem