

Quiz 6

student name:

1: 15 what's the difference between Public key and Symmetric key? Why do we need public key method?

2: (10) What is Diffie\_Hellman Key Exchange (math formula)? How do you explain it in a public key exchange? (which can be considered public key, which can be considered private key)

3: 15 what is man-in-the-middle attack? (explain it in a little tech detail, such as describe which key is used to do this attack and why it can succeed).

4: 10 what is the disadvantage of public key? It is used mostly for what encryption? Why?