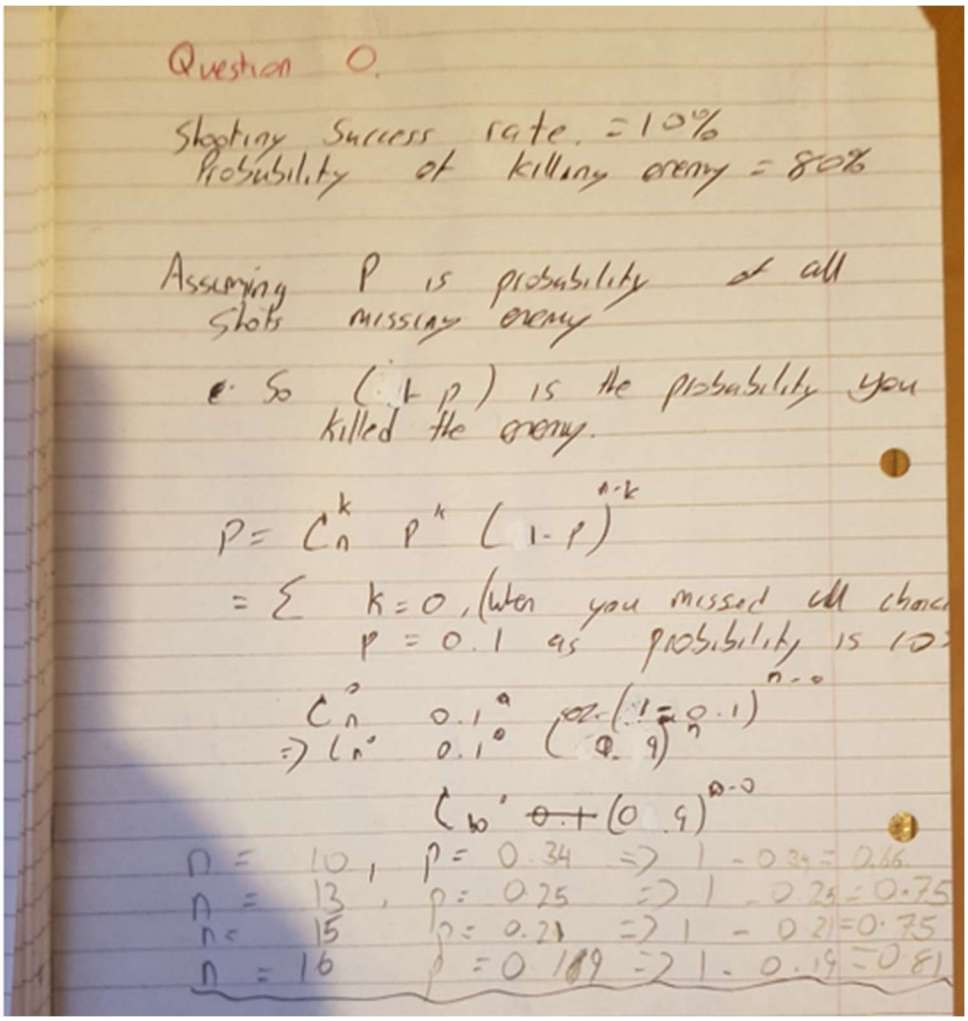
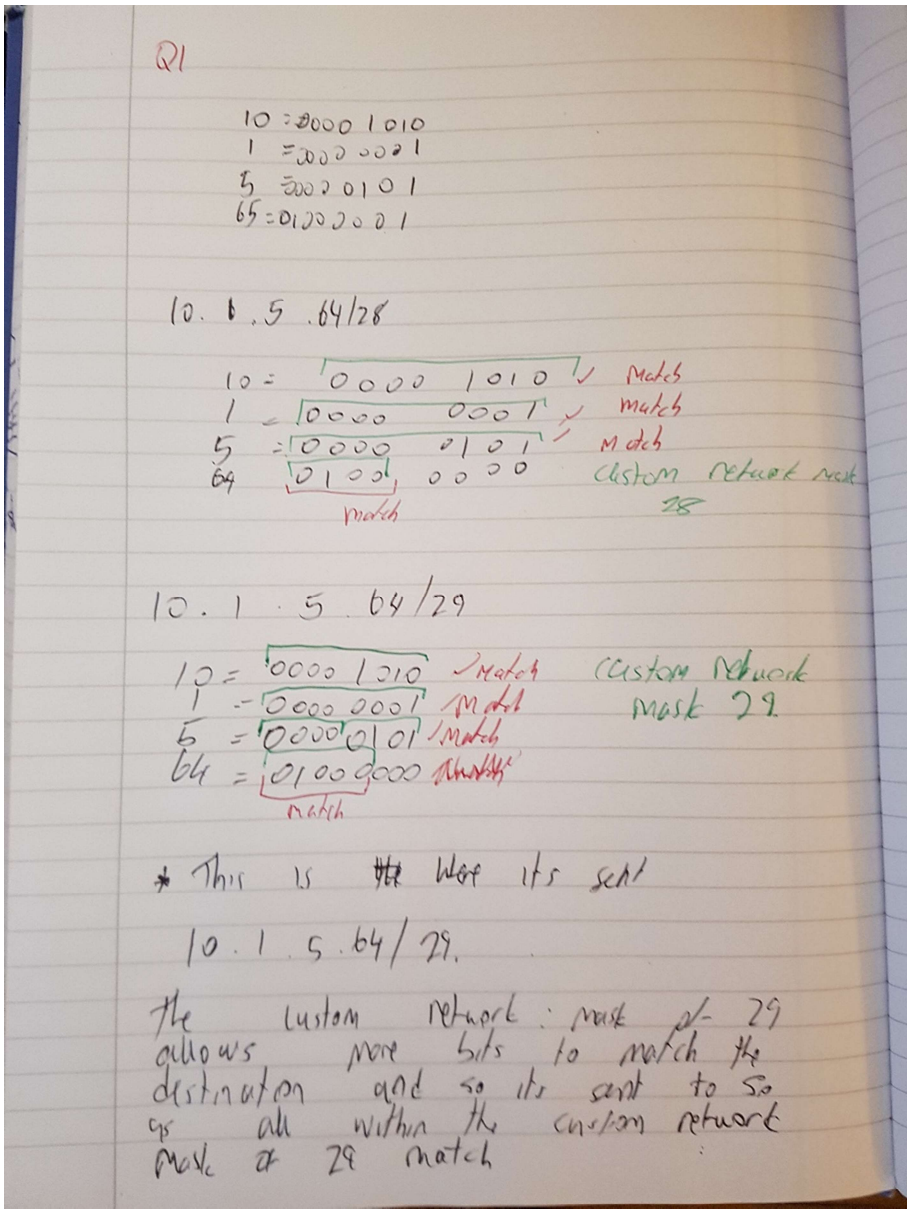
Question 0

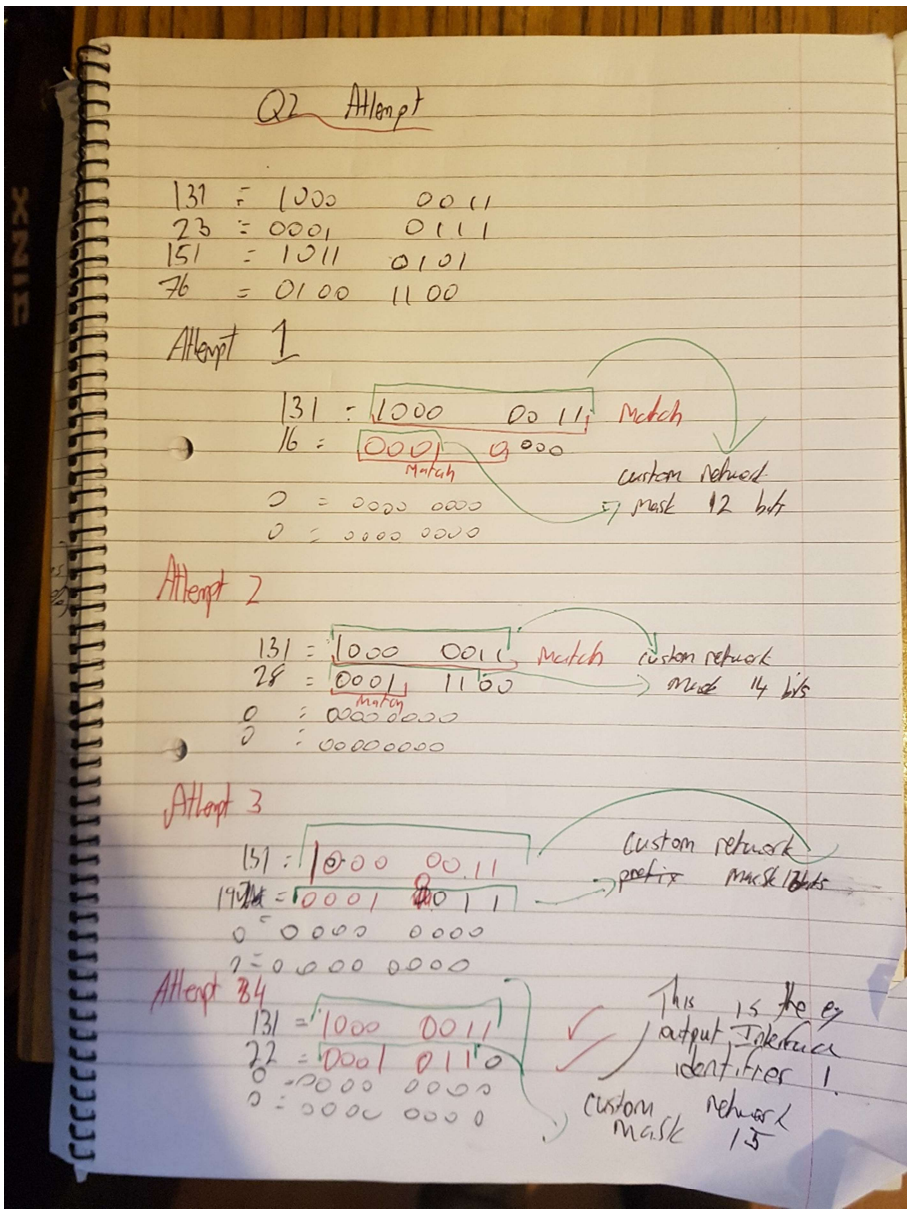


Shoot 16 times to kill enemy at a rate of 0.81 e.g. 81 percent at 16 shots with an success rate of 10 percent and a probability to kill enemy of 80 percent it takes 16 to kill the enemy as the rate is 81 percent that's above the 80 percent probability rate to kill enemy.

Question 1:


Q1
10 = 0000 1010
1 = 0000 0001
5 = 0000 0101
64 = 0100 0000
10.1.5.64/28
10 = 0000 1010 ✓ Matches
1 = 0000 0001 ✓ match
5 = 0000 0101 ✓ Matches
64 = 0100 0000 Custom network mask
match
28
10.1.5.64/29
10 = 0000 1010 ✓ Match Custom Network
1 = 0000 0001 ✓ Match mask 29.
5 = 0000 0101 ✓ Match
64 = 0100 0000
match
* This is the way it's sent
10.1.5.64/29.
The custom network mask of 29 allows more bits to match the destination and so it's sent to so as all within the custom network mask of 29 match

Question 2:



The output interface identifier is 1 at 130.22.0.0/15 has more bits that match the 131.23.151.76 than any of the others.

Question 3:

1. Next Hop D
2. Next Hop B
3. Next Hop D