Exercise 5

Q1

(1,1,2) (2,3,2)

dot product is equal to (1x2 , 1x3 , 2x2)

dp = (2,3,4)

b

(1,3,0)

(2,-1,1)

cp = (A,B,C)

A = (-1x0 - 3) = -3

B = (2x0 - 1x1) = -1

C = (2x3 - 1x-1) = 7

cp = (-3, -1, 7)

Q2