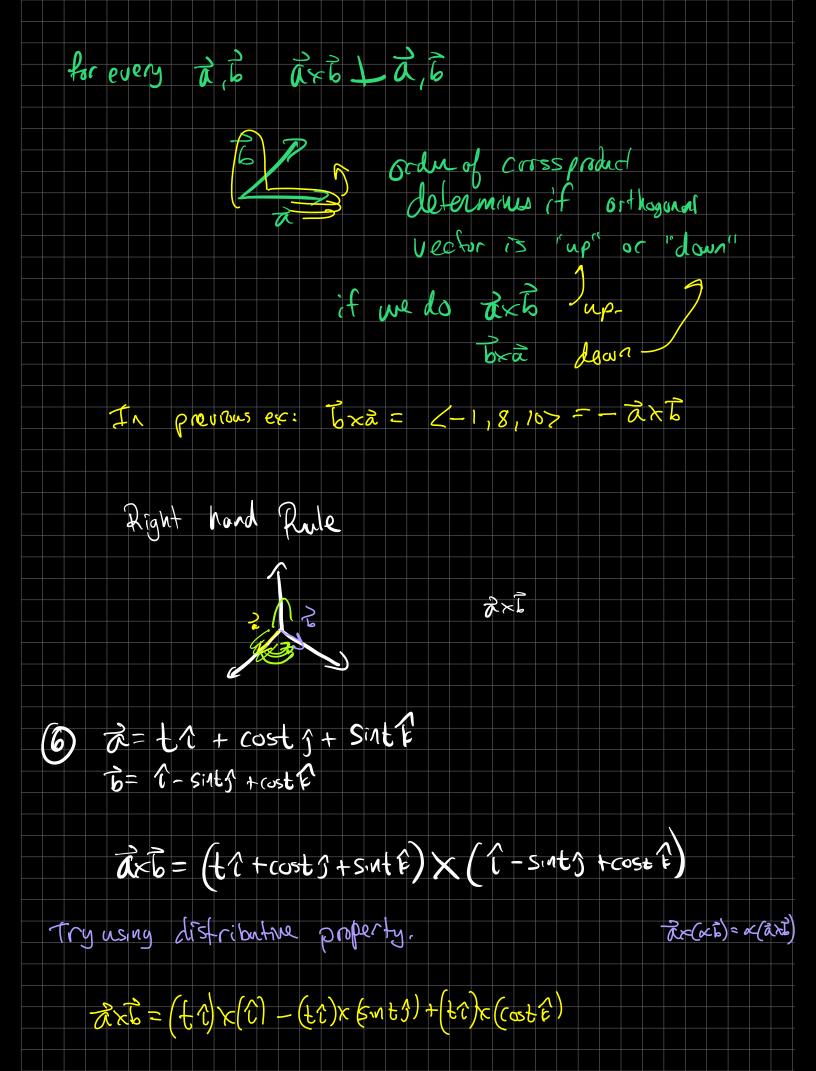
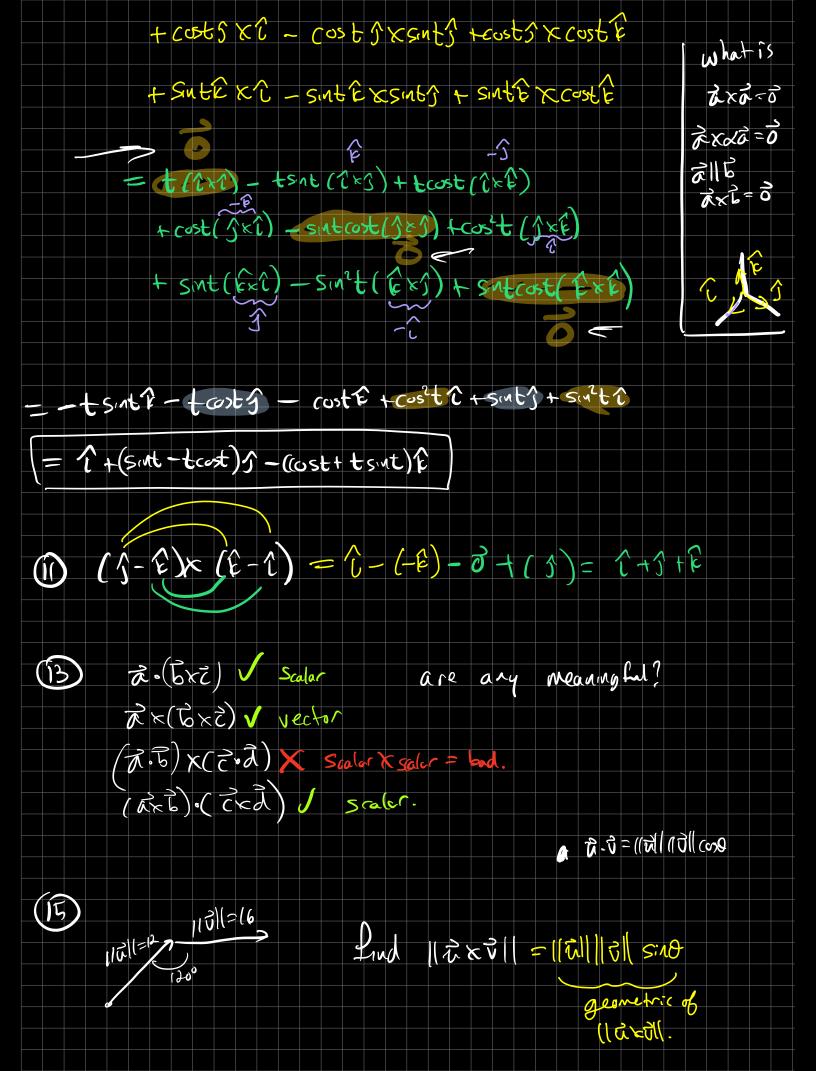
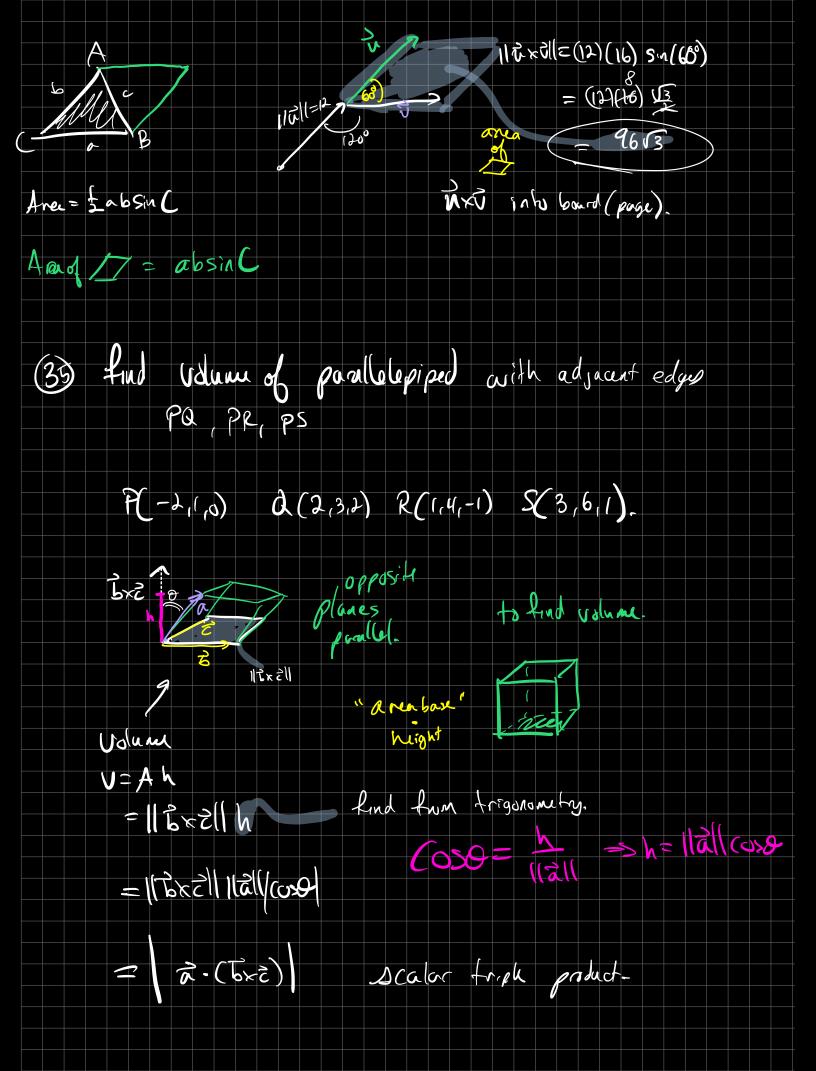
Cross Product. only defined for vectors with 3 components. T= (a, Q2, a3> D=(6,162,62) a 3 12.4 $\begin{cases} 1 & \text{for } 1 \\ \text{for } 2 \\ \text{for } 3 \\ \text{for } 4 \\ \text{for } 4$ $= \langle 1, -8, -10 \rangle$ is new vector I to 2,2? = (1)(4) + (-8)(3) + (-10)(-1) = 0(1,-8,-10> · T 11-8,-62-6







Back to publin P(-1,(0)) d(2,3,1) R(1,4,-1) S(3,6,1). PG = (2-(-2),3-(1),2-0>= 24,2,2> PR = < 1-(-x), 4-1, -1-0> = <3,3,-1> PS = (3-(-2), 6-(, 1-0)= (5,5,1) Volume = (PQ. (PR x Ps)) = 16 = | PS. (PQ x PE) = 16] | PR (PaxPs) | = 16 What hoppens if one of the vectors is cortain w/ others? N = Q- $-\sqrt{\varepsilon}$ (6×2)(=0 if this istme then & EC are coplanas. Quiz open Thursday 12 am due Friday 11:59 pm