(1) Addition

Consider 
$$\hat{a} = Q_x \hat{i} + Q_y \hat{j}$$

$$+ Q_z \hat{k}$$

$$\hat{b} = b_x \hat{i} + b_y \hat{j}$$

$$+ b_z \hat{k}$$

(which we can always to, it we follow stops (Dat (D) in every problem)

What 13 C = a + 5

 $\frac{\text{Hnswer}}{C} : \frac{1}{C} = (a_x + b_x) \hat{i}$