

Name (IN CAPITAL LETTERS!): TID:

CID: Personal tutor:

Question 3.

Suppose that $\alpha, \beta, \gamma \in \mathbb{C}$ are the three solutions of the cubic equation

$$x^3 + Ax^2 + Bx + C = 0$$

Find a cubic equation with solutions $\alpha^2, \beta^2, \gamma^2$.