α. $\overrightarrow{AB} = (x_B - x_A, y_B - y_A) = (4 - (-3), -1 - 2) = (7, -1)$

β. $\overrightarrow{A\Gamma} = (x_\Gamma - x_A, y_\Gamma - y_A) = (0 - (-3), 7 - 2) = (3, 5)$

γ. $\overrightarrow{\Gamma B} = (x_B - x_\Gamma, y_B - y_\Gamma) = (4 - 0, 1 - 7) = (4, -6)$.