Q 1: Find $L^{-\infty}\left\{ \frac{e^f - \Delta}{(f^e + f)(f^e + \infty)} \right\}$.

Q 2: Use laplace transform to solve $y'' - 6y' + 13y = 0$, $y(0) = 0$, $y'(0) = -3$. 
Q 3: Find $\mathcal{L}^{-\infty} \left\{ \frac{\int_{-\infty}^{t} \cos f}{(t^2 + \Delta)} \right\}$ and Find $\mathcal{L} \{ \cos \cap (\cup - \pi) \}$.

Q 4: Solve the Volterra Integral equation $f(t) = \cos t - \int_{0}^{t} e^\tau f(t - \tau) d\tau$. 