

$$2 + \frac{4}{i-1} + (3\sqrt{3} - i) + \frac{(1+i)(1+i)}{1} = \frac{\sqrt{3} + (-2-i)}{1}$$

$$2i^2 - 2i$$

$$r(\sqrt{3}) \quad (-2-i) \rightarrow$$

B)

$$Z = (4+7i)(3-2i) \rightarrow 13(2+i)$$

$$r = 13\sqrt{5}$$

$$\theta = \tan^{-1}\left(\frac{1}{2}\right) \quad (\text{Radians})$$

C)

$$1+3i \text{ and } 1+i$$

$$(1+3i)(1+i) = 2(-1+2i)$$