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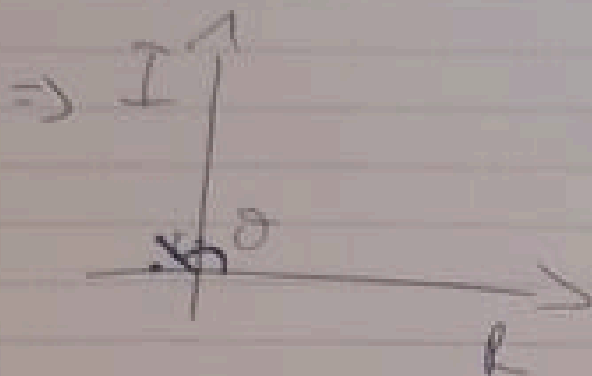
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$$\frac{-16 + 11j}{26}$$

$$= \frac{-16}{26} + \frac{11j}{26}$$



$$r^2 = \left(\frac{-16}{26}\right)^2 + \left(\frac{11}{26}\right)^2$$

$$r^2 = \frac{64}{169} + \frac{121}{676}$$

$$\Rightarrow r = \frac{\sqrt{377}}{26}$$

$$\Rightarrow \tan \theta = \frac{\frac{11}{26}}{\frac{-16}{26}}$$

$$\theta = -34.51$$

$$\Rightarrow \theta = 180 + (-34.51)$$

$$\boxed{\theta = 145.49}$$

$$\frac{\sqrt{377}}{26} \times (\cos(145.49) + j \sin(145.49))$$