Math 102 - Lab 2:

Modelies

Im 15 12 = Ja2+b2 When b=0, Z=a+bi=a+Di=a. Then 17/= Va2+02 = Va2 absolute value Example: Describe the region D in terms of complex numbers. \vec{r} and \vec{R} are vectors in \mathbb{R}^2 (includes boundary) F has length a (70)

R has length b (7a) D= {zel as/z/36} B= { Z C | | Z | = 5 }