2) 
$$z=a+ib \in C$$
.  $w=c+id$ 
 $zz: z$  hat Connotrot we wiseles also  $\exists w$ , so class  $w^2 = z$ 
 $(c+id)^2 = (c+id)(c+id) = (c^2 + d^2) + i(cd+cd) = (c^2 - d^2) + i(2cd)$ 
 $c^2 - d^2 + i2cd = a + ib = c^2 = \frac{1}{2}(\sqrt{a^2+b^2+a})$ 
 $z = c^2 - d^2 = a$ 
 $z = a + ib = c^2 = \frac{1}{2}(\sqrt{a^2+b^2+a})$ 
 $z = c^2 - d^2 = a$ 
 $z = a + ib = c^2 = \frac{1}{2}(\sqrt{a^2+b^2+a})$ 
 $z = c^2 - d^2 = a$ 
 $z = a + ib = c^2 = a$ 
 $z = a + ib = c^2 = a$ 
 $z = a + ib = c^2 = a$ 
 $z = a + ib = c^2 = a$ 
 $z = a + ib = c$ 
 $z = a$ 

2) ... We wish assumpting of the s?

De b=2cd must be done glarche for zerche. wise collaboration.

Sets gibt 2 dosceregen.

ges: 
$$\sqrt{1} = \sqrt{0+11} = \pm \sqrt{3^2+1^{22}+0} + i(\pm \sqrt{\sqrt{3^2+1^2}-0}) = \pm \sqrt{\frac{1}{2}} + i(\pm \sqrt{\frac{1}{2}})$$
 $\Rightarrow \sqrt{1} = \sqrt{\frac{1}{2}} + i\sqrt{\frac{1}{2}} \text{ and } \sqrt{i} = \sqrt{\frac{1}{2}} + i(-\sqrt{\frac{1}{2}})$ 
 $\Rightarrow \sqrt{3} - i2 = \pm \sqrt{3^2+(-2)^2+3} + i(\pm \sqrt{\frac{1}{2}} - 2)^2 + i(-\sqrt{\frac{1}{2}} - 3)^2 + i($