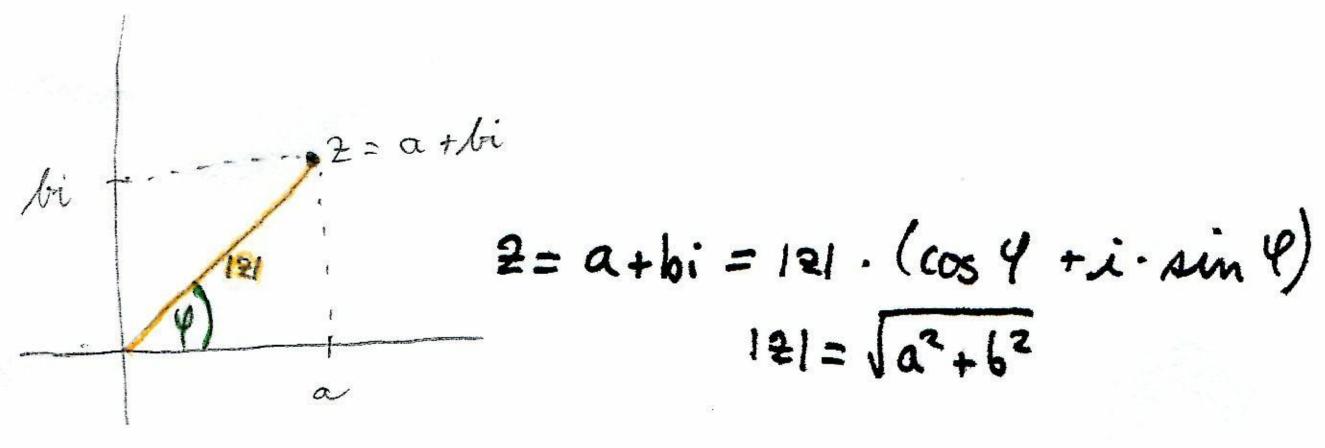
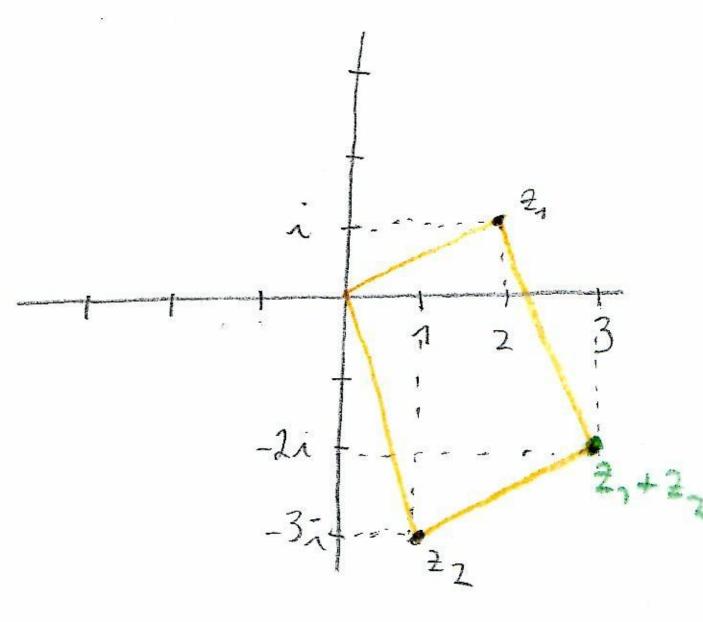
KOMPLEXNÍ CISLA

POCE THI OPERACE VKOMPLEXNI ROUNE

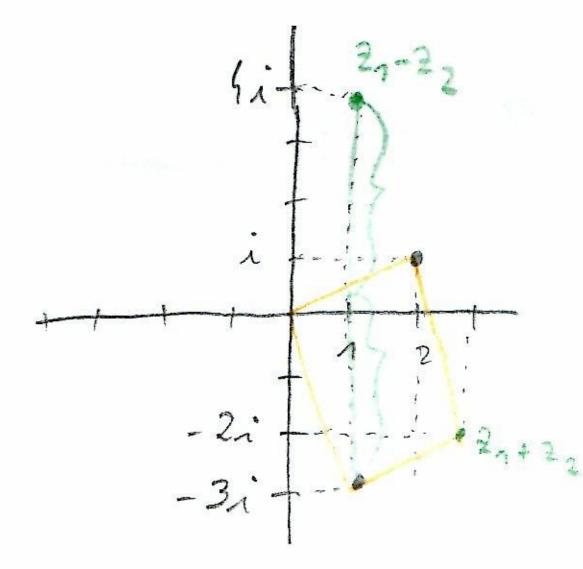




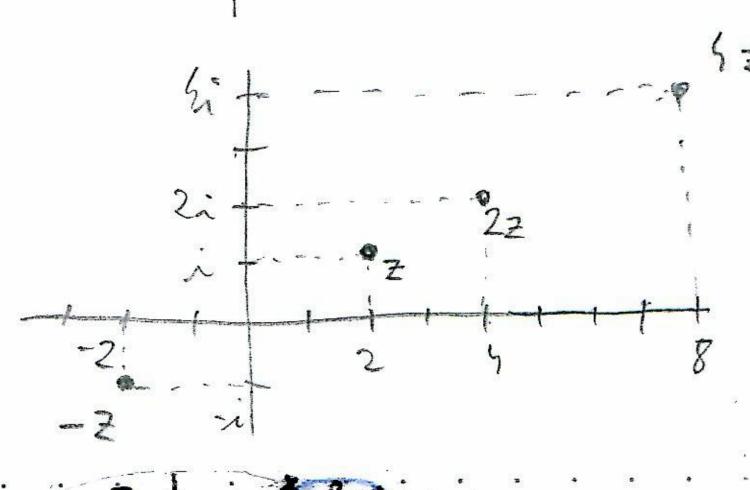
cisto boupleure solrusaire: 2= a+6i $\overline{2} = \alpha - 6i$ cislo opació: -2= -a-bi

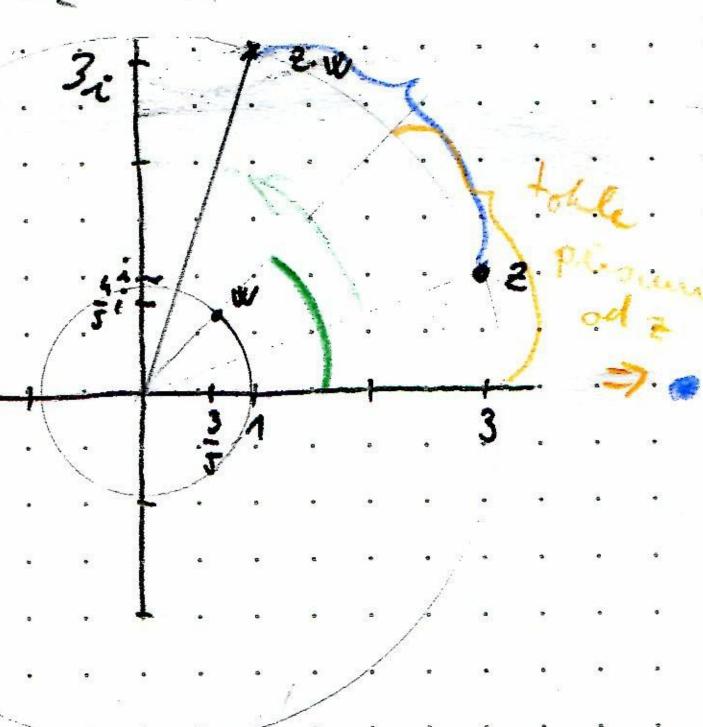
doplume na lideofinich

odzitání == 2+i 22=1-3; 2,-22=1+41



hasobení realizer Eislem:





- homplesurm cislem:

Moivreoua veta:

Z=a+bi = 121. (cos4 +ii.sin1)

kompleené sdrutené itslo:

absolution hodrosta: 12/= 12.2

$$\left(\frac{2}{w}\right) = \frac{2}{w}$$

$$\frac{2}{w} = \frac{a_1 + b_1 i}{a_2 + b_2 i} =$$

$$= \frac{(a_1 + b_1)(a_2 + b_2)}{a_2 + b_2}$$

GONIOHETRICKYTVAR

amount A ODHOCNOUTNI:

Moivreocoa veta: (cos 4+ i. sin 9) = cos(m.4)+ i. sin (m.4)

 $2=121.(\cos 4 + i. sin 4)$ $2^{n}=121^{n}.(\cos (m.4)+i. sin (m.4))$

V2 = V2. (cos 42km + i. sin 42km)

WASOBENIA DEZENI:

a= |a|. (cos d+ i.sina) b= |b|. (cos B+ i.sin B)

a.b= la.b1. (cos(d+B) + i-sin(d+B))

T= /a/. (cos (d-B) + i. sin (A-B))