$$\frac{2}{w} = \frac{2-i(-4-3i)}{-4+3i} = \frac{8+4i-6i-3}{16+9}$$

$$a.1-i$$
 $(1+i)$ = $1+2i+2$
 $a.1-i$ $(1+i)$ = $1+2i+2$

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

$$\frac{3-5!}{2}=\frac{3}{2}-\frac{5}{2}$$

$$\frac{3-5i}{2} = \frac{3}{2} - \frac{5}{2}$$

$$\frac{3}{2} - \frac{5}{2} = \frac{3}{2} - \frac{5}{2}$$

$$\frac{3}{2} - \frac{5}{2} = \frac{3}{2} - \frac{5}{2}$$

$$\frac{123}{2} - 4i^{9} - 4i = -9i = i$$

$$= -i - 4i - 4i = -9i = i$$

i.e. A is leaf

for any a, ber A is leal.

A (b+ci) = a if c=0

#3-should be easy-peasy-#6-ask tutor #8-easy, work with poers #7-go over detailed solutions.