

V2 - (3) 34+3V2=120

i) r= J(-6)2+(-6)2= 3/8 0= tan = = 45° (but coord; So +180°) Polar: 3 18 1 225° Euler: 40 9 = tan = = 60° (wedo 360°-68) 102300°, Fuler: 100'(300°)

5)i) 
$$(8\times4 - (3)\times6) + (8\times6 + (3)\times4)i$$
  
=  $50 + 36i$ //

=  $11$ )  $[3\times8 + 5(3)] + [5\times8 - 3(3)]i$   
 $= \frac{2}{34} + \frac{23}{34}i$ //

=  $\frac{2}{31} + \frac{3}{31}i$ //

=  $\frac{2}{31} + \frac{3}{31}i$ //