

II In SACD, it is isoceles so
$$(CAD = \langle ADC = 3 \rangle)^{\circ}$$

 $2y^{\circ} + 0 = 180$
 $2y^{\circ} + 36^{\circ} = 180$
 $2y = 144$

 $g = 72^{\circ}$ $pac = 72^{\circ}$ and $pac = 72^{\circ}$

TT < BAC = < BAD + < DAC.

108° = < BAD + 72°

: (BAD = 36°)



BOARD OF STUDIES NEW SOUTH WALES	as previously.
T < ADC IA/A/MORAMIM =72°	
and 0=36° also shown.	
18th KIAM 20=72°	
. CADC = 20	
Show ODBA # 111 LABC.	
Augle < BAC = # 1080= < BDA	Show in pIV and
Angle CABC #MORROWN. COMMON.	before
Angle (BCA = BA36° = (BCA. as	in III and 0'=36°.
ADBA DABC because they	wc
egnilanguler.	
$x^2 - x - 1 = 0$	
inphoseion for all	



BOARD OF STEDIES
$\frac{111 \cos A = b^2 + c^2 - a^2}{2bc}$
2bc.
cos t
cos # 36°



NEW SOUTH WALES
6). dV
dt = 2et + 2e-t.
when t=0. dt = 2 + 2
T4.
enters at 4 ms
11° V= 12et + 2c-t.
$=$ e^{t} $+$ e^{-t}
* not constant since
tank is mitally empty
em pty