

parameter	value	description
Co ordinates	(3 -5)	A
Co ordinates	(-5 -3)	B
Co ordinates	(3 -1)	C
n^T	(2 8)	AB
c	-34	
n^T	(2 -8)	BC
c	14	
n^T	(-4 0)	AC
c	-12	
n^T	(3 4)	AD
c	-11	
n^T	(0 -8)	BE
c	24	
n^T	(-3 4)	CF
c	-13	
Co ordinates	(0.33 -3)	G
n^T	(8 2)	AD_1
c	14	
n^T	(0 -4)	BE_1
c	12	
n^T	(-8 -2)	CF_1
c	-26	
Co ordinates	(2.5 -3)	H
n^T	(8 -2	Perpendicular bisector of AB
c	0	
n^T	(-8 -2)	Perpendicular bisector of BC
c	12	
n^T	(0 4)	Perpendicular bisector of CA
c	-12	
n^T	(1.24 0.97)	Angular bisector of A
c	-1.12	
n^T	(0 -1.94)	Angular bisector of B
c	5.82	
n^T	(-1.24 -0.97)	Angular bisector of C
c	-8.58	
center(O)	(-0.75 -3)	Circumcircle
radius	4.25	
center(I)	(1.44 -3)	2 Incircle
radius	1.56	