

```

10 REM *** AMSTRAD USER ***
20 REM *** PARAMETROS a especificar:
30 REM *** ex: excentricidad de la
40 REM *** elipse (radio mayor/radio
50 REM *** menor)
60 REM *** r: radio de la elipse
70 REM
80 MODE 1:INPUT"radio";r
90 INPUT"excentricidad";ex
100 INPUT"coordenadas del centro (x,y)";
xx,yy
110 MODE 2
120 DEG
130 a=r*SQR(ex):b=r/SQR(ex)
140 ORIGIN xx,yy
150 MOVE -a,0
160 FOR x=-a TO a
170 y1=SQR((a*a*b*b-b*b*x*x)/(a*a))
180 DRAW x,y1:NEXT:DRAW a,0
190 FOR x=a TO -a STEP -1
200 y2=-SQR((a*a*b*b-b*b*x*x)/(a*a))
210 DRAW x,y2:NEXT
220 DRAW -a,0
230 CALL &BB18
240 GOTO 80

```