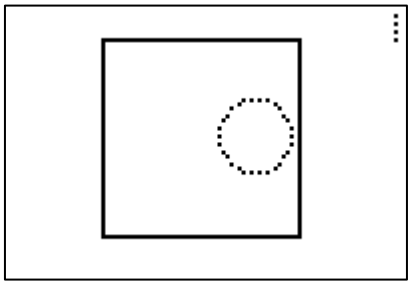
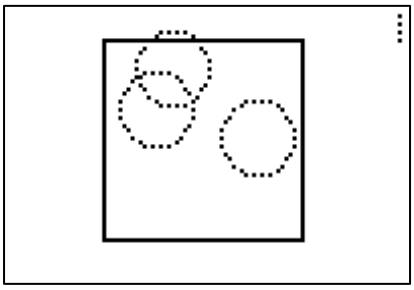
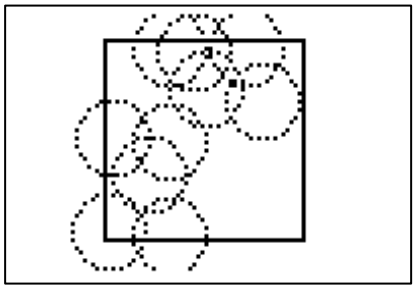
Programme AFC1 pour calculatrices TI 82, 83, 84





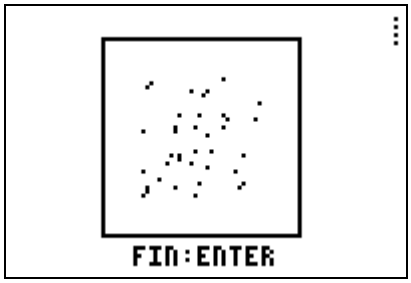


Programme AFC1

```
Degree
AxesOff
FnOff
PlotsOff
ClrDraw
For(I,22,71)
  Pxl-On(6,I)
End
For(I,6,55)
  Pxl-On(I,71)
End
For(I,71,22,-1)
  Pxl-On(55,I)
End
For(I,55,6,-1)
  Pxl-On(I,22)
End
1 → D
While D=1
  For(J,1,10)
    randInt(1,50) → L
    randInt(1,50) → C
  For(I,0,360,12)
    round(21+L+9*cos(I),0) → X
    round(5+C+9*sin(I),0) → Y
    If X ≥ 0 and X ≤ 94 and Y ≥ 0
    and Y ≤ 62
      Pxl-On(Y,X)
    End
    Text(57,0,"ENCORE ?    0UI : ENTER
    NON : 0"
    0 → K
  While K=0
    getKey → K
  End
  If K≠105
    Then
    0 → D
  ClrDraw
  End
End
```

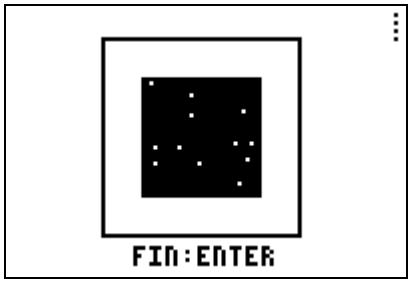
Programme AFC2 pour calculatrices TI 82, 83, 84

```
prgmAFC2
N=?100
```




```
ESSAIS: 100
FRANC CARREAUX:
      39
FREQUENCE: .39
```

```
prgmAFC2
N=?10000
```




```
ESSAIS: 10000
FRANC CARREAUX:
      3626
FREQUENCE: .3626
```

Programme AFC2

```
AxesOff
FnOff
PlotsOff
ClrHome
Prompt N
0 → F
ClrDraw
For(I,22,71)
   Pxl-On(6,I)
End
For(I,6,55)
  Pxl-On(I,71)
End
For(I,71,22,-1)
  Pxl-On(55,I)
End
For(I,55,6,-1)
  Pxl-On(I,22)
End
For(J,1,N)
  randInt(1,50) → L
  randInt(1,50) → C
  If  5+C ≥ 16 and 5+C ≤ 45 and
      21+L ≥ 32 and 21+L ≤ 61
  Then
      F+1 → F
  Pxl-On(5+C,21+L)
  End
End
Text(57,30,"FIN : ENTER")
Pause
ClrHome
Output(2,2,"ESSAIS:")
Output(2,10,N)
Output(4,1,"FRANC CARREAUX:")
Output(5,8,F)
Output(7,1,"FREQUENCE:")
Output(7,12,F/N)
ClrDraw
AxesOn
```