

**Technology Activity Keystrokes**

For use with page 706

**SHARP EL-9600c**

DARTS

Print "HOW MANY THROWS

Input N

0 $\Rightarrow$ H0 $\Rightarrow$ I

Label 1

random $\Rightarrow$ Xrandom $\Rightarrow$ YIf  $(X^2 + Y^2) < 0.25$  Goto 2I + 1  $\Rightarrow$  I

Goto 3

Label 2

H + 1  $\Rightarrow$  HI + 1  $\Rightarrow$  I

Goto 3

Label 3

If I = N Goto 4

Goto 1

Label 4

Print "NUMBER OF HITS

Print H

End

## **Technology Activity Keystrokes**

For use with page 706

### **CASIO CFX-9850GA PLUS**

DARTS

“HOW MANY THROWS”? → H<sup>↓</sup>

0 → H<sup>↓</sup>

For 1 → I TO N<sup>↓</sup>

Ran# → X<sup>↓</sup>

Ran# → Y<sup>↓</sup>

If  $(X^2 + Y^2) < 0.25$  <sup>↓</sup>

Then H + 1 → H<sup>↓</sup>

IfEnd<sup>↓</sup>

Next<sup>↓</sup>

“NUMBER OF HITS”<sup>↓</sup>

H<sup>↓</sup>