

One-dimensional Cellular Automata for fx-50FH II and fx-3650P
II 119 bytes

ClrMemory:

Fix 0:

$9^{-1}(\text{E}10-1 \rightarrow X:$

For 0 \rightarrow D To 9:

$X+7_{10}^{(D)}\text{Rnd}(\text{Ran}\# \rightarrow X:$

Next:

Lbl 0:

X▲

$9^{-1}(\text{E}10-1 \rightarrow M:$

For 0 \rightarrow D To 12:

$\text{Rnd}(X_{10}^{(-D)}-.5)-10\text{Rnd}(X_{10}^{(-D-1)}-.5 \rightarrow A:$

$A+B+C=17 \Rightarrow 7_{10}^{(D-1M+}:$

B \rightarrow C:

A \rightarrow B:

Next:

M \rightarrow X:

Goto 0