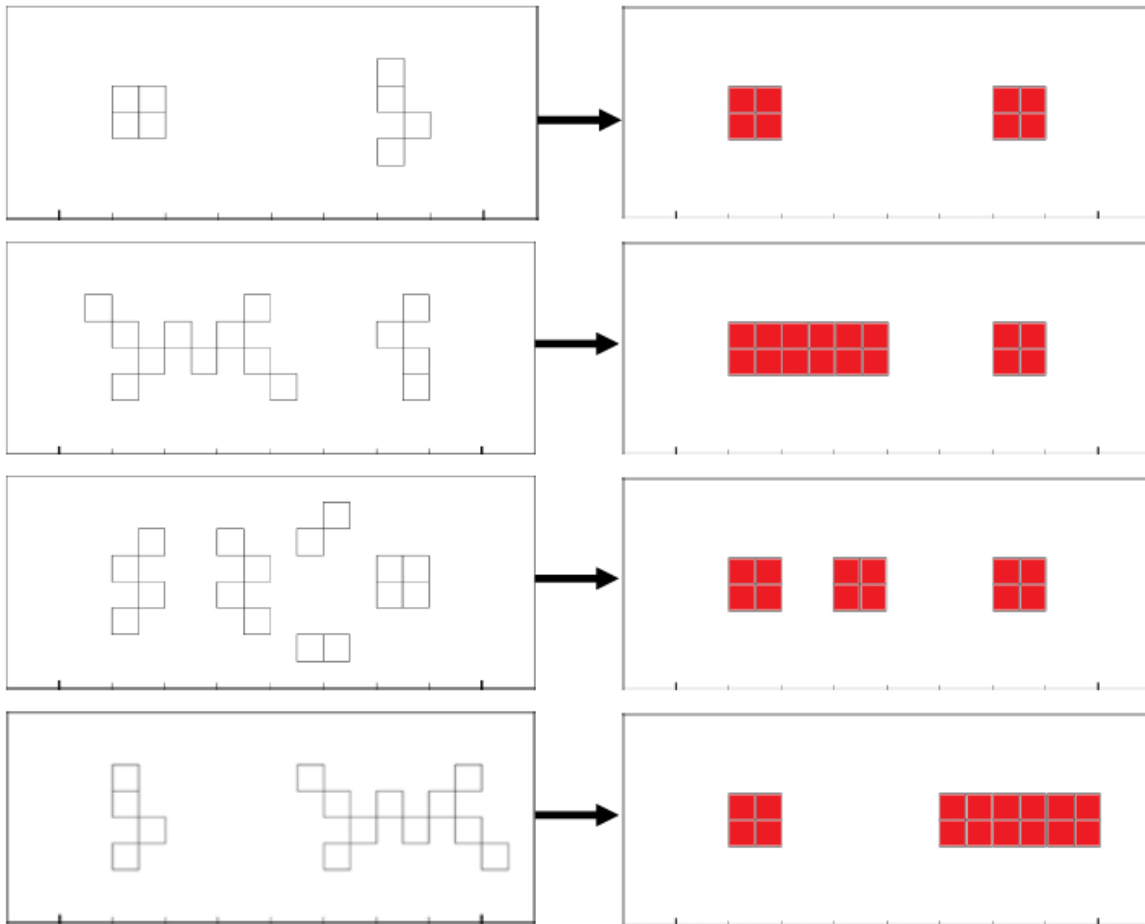


From: Isaac Banner

SOLUTION: Give It a Second

C



B r R G

Using the output of a single Conway generation as a binary octet you get an ascii character for each box. Using the characters as electronics color codes, you can arrive at values for C and R.

$$C = BrRG = 1.2\mu F$$

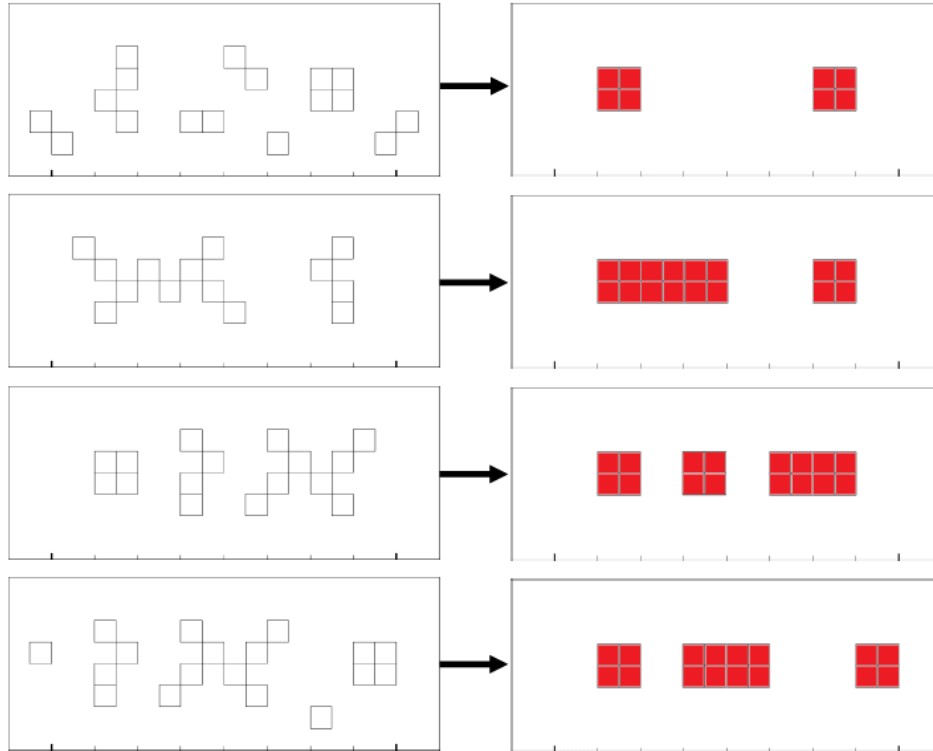
(As hinted in the circuit diagram,
capacitance is calculated in picofarads)



From: Isaac Banner

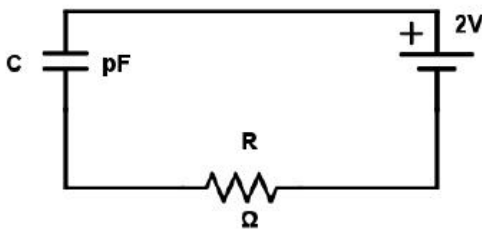
SOLUTION: Give It a Second

R



B
r
V
Y

$R = BrVY = 170k\Omega$



$V \times \left(1 - \frac{1}{e^{RC}}\right) = ?$
 (to 6 significant figures)



1.98514

$2 * (1 - 1 / e^{(1 / 170 * 10^3 * 1.2 * 10^{-6})}) = 1.98514$

