



This repeats itself.

$$\textcircled{1} x_{n+1} = 1.5(x_n - 0.5)$$

$$.25 \neq .1875, .554421 \text{ so } \frac{1}{2N}$$

$$x_{n+1} = 2.5(x_n - 0.5)$$

$$.625, .5543, .565, \text{ sort of } \frac{1}{2N}$$

$$x_{n+1} = 3(x_n - 0.5)$$

$$.85, .55, .832, .513 \checkmark$$

$\textcircled{2}$ both express ratio in $\frac{1}{2N}$ function diagram, 4.66920k