The other mathematical formulas of the prime numbers

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1) $\frac{4 \times 10^{n}+1}{7}$, when $n=5+6 \mathrm{k}, k=0,1,2,3,4, \ldots, \infty$, its results are the prime numbers.
but when $k=3,4,5, \ldots \infty$, it has the repeating numbers 571428.
2) $\frac{4 \times 10^{n}+3}{7}$, when $n=6 \mathrm{k}, k=1,2,3,4, \ldots, \infty$, its results are the prime numbers, but when $k=3,4,5,6, \ldots, \infty$, it has the repeating numbers 571428 too.
3) $\frac{4 \times 10^{n}+7}{11}$, when $n=2 \mathrm{k}, k=0,1,2,3,4, \ldots, \infty$, its results are the prime numbers, but when $k=3,4,5,6, \ldots, \infty$, it has the repeating numbers 36 .
