



Graphs of mod x on powers of a given number

Number:	<input type="text" value="13"/>
upto Exponent:	<input type="text" value="1001"/>
mod x:	<input type="text" value="100"/>
Scale x:	<input type="text" value="1"/>
Scale y:	<input type="text" value="1"/>

- Exponents = {0,1,2... 1001 }
- Object_Power_Set = { 13^{exp} | $\text{exp} \in \text{Exponents}$ }
- Cycle_Set = { $o \bmod 100$ | $o \in \text{Object_Power_Set}$ }
- {1,13,69,97,61,93,9,17,21,73,49,37,81,53,89,57,41,33,29,77} [count=20]
This set forms a Group under the operation $\otimes_{100}(x,y) = (x *y) \bmod 100$

Explore

Chart

Last digit(s) for powers of

13(13^0 to 13^{1001})

