Parametric Functions Allow Many Parameter Choices

To understand other uses of cryptography,

- we need to generalize the types
- of mathematical functions used.

We saw two pseudo-random number generators (PRNGs) based on arithmetic:

$$F(x) = \text{floor}\ [\ (313\ x + 307) / 1\ ]\ \text{mod}\ 256$$

$$H(x) = \text{floor}\ [\ (1279\ x + 263) / 8\ ]\ \text{mod}\ 256$$

What differs? The three numbers used.