## fermat's little theorem

$$q^{p-1} \equiv 1 \pmod{p}$$
 If p is prime a is an integer not divisible by p.

$$\begin{array}{ccc}
\uparrow & = 1 & (\text{mod } 11) \\
(7')^{220} & 7^2 & = 49 & = 5 & (\text{mod } 11)
\end{array}$$