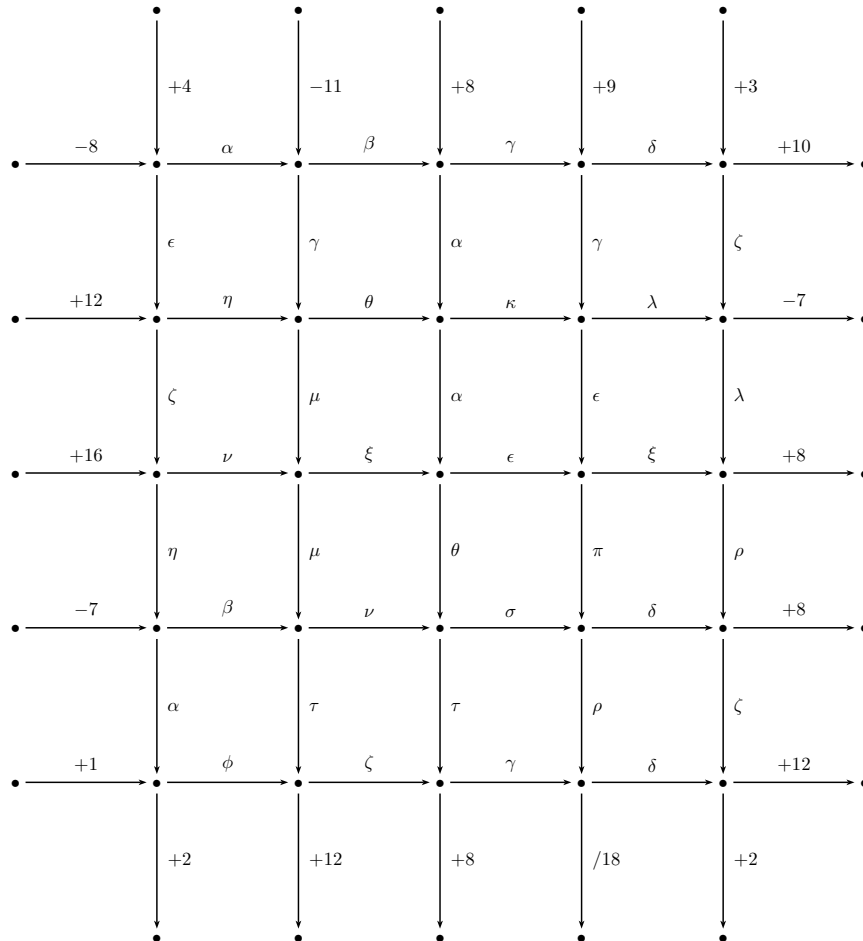


Loop Space

The Chron-O-Portal is malfunctioning, and it's sending everything around in time loops! Hopefully the course of history remains consistent!

Keep your head about you; the loops are a common trick used by the Fuzzkins to confuse would-be intruders. Figure out the passphrase as quickly as you can.



For each positive integer x :

$\alpha(x) = x - 2$	$\lambda(x)$ is equal to x with one digit changed
$\beta(x) = x^3$	$\mu(x)$ is equal to x with one digit added
$\gamma(x)$ is greater than x	$\nu(x) = x + 17$
$\delta(x)$ divides x	$\xi(x)$ is less than x and prime
$\epsilon(x)$ is greater than x and prime	$\pi(x) = 7x$
$\zeta(x) = 2x$	$\rho(x)$ is the product of the digits of x
$\eta(x)$ is less than x	$\sigma(x)$ is equal to x with its digits permuted
$\theta(x) = x^2$	$\tau(x)$ is the sum of the digits of x
$\kappa(x)$ is the least square greater than x	$\phi(x) = x + 2$

