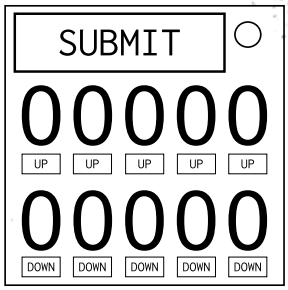
On the Subject of Quinary Numbers



Quinary has its roots in the Latin for five. There are lots of fives to think about here.

- The module consists of a cycling number display and an input matrix.
- Five digits will cycle in five positions and in one of five colours. The cycling number will be blank at the start of each cycle.
- Using the table below, enter the correct response code to disarm the module.
- For each digit, if the colour matches with the relevant cell in the table, apply the match rule for that digit.
- Apply the corresponding process to each iteration of the cycle and enter your response in iteration order, followed by the submit button.
- In each instance, the modulo of the flashes refers to the total number of that colour flash on the module.
- Entering an incorrect response will cause a strike.
- The digit zero refers to the number 10 for the purpose of your calculation.

		POSITION					
		1	2	3	4	5	PROCESS
ITERATION	1	Red Orange	Blue	Pink	Green	Orange Blue	Sum; modulo (orange + red flashes); modulo 10
	2	Blue	Pink Red	Orange	Red	Green Pink	Sum; modulo (blue + pink flashes); modulo 10
	3	Orange	Red	Green Orange	Blue Green	Pink	Sum; modulo (red + green flashes); modulo 10
	4	Green	Orange Pink	Blue Green	Pink	Red	Sum; modulo (blue + orange flashes); modulo 10
	5	Pink Blue	Green	Red	Orange Red	Blue	Digit of the tens column of the sum; + pink flashes; + green flashes; modulo 10
Match Rule		**Add 7**	**Add 13**	**Double**	**Triple**	**Halve and round down**	