Part 0: Vigenere Ciphers

A vigenere cipher is like several Caesar ciphers combined.

Previously in our **Caesar cipher** we had a single rotation. For instance a rotation **key number of 3** would mean we rotate our cipher wheel like this:

While for **Vigenere ciphers** use several rotations. Instead of having the same rotation for each letter, we take turns using different rotations for different letters in the message we are encoding.

Instead of one rotation key number we have a **keyword**, for instance our keyword might be **"gpn"**. "gpn" is a way of telling you the different rotations, 6, 15 and 13.

Keyword		
g	p	n
6	15	13

T	h	i	s		i	s		a		s	e	c	r	e	t		m	e	s	s	a	g	e
g	p	n	g		p	n		g		g	p	n	g	p	n		g	p	n	g	p	n	g
6	15	13	6		15	13		6		15	13	6	15	13	6		15	13	6	15	13	6	15