

\* 3 2 6 1 2

|| rotate +3  
↓

3 2 : 6 1 2  
:

(6 1 2) (3 2)

\* Negative Case

3 2 6 1 2

|| rotate -3  
↓

1 2 3 2 6

\* Equivalent rotate by 5 - 3 = +2 <sup>Total digits</sup>

\* Number greater than digits.

E.g  $\Rightarrow 1. +7$

$$\Rightarrow 7 \% 5 = +2$$

2.  $-7$

$$\Rightarrow -7 \% 5 = -2$$

$$\underbrace{-2 + 5 = +3}$$