PERIODIC GROMARK (75-125 letters)

The plaintext is written out in period determined by the key length (6 here). The numerical key from the transposition block (264351 here) is also used as the "chain-added" key. Keyword letters are written in order above each period group as shown below, repeating as needed. These key letters determine the starting position of the cipher alphabet for that particular group with each letter in the group shifting according to the chain-added key.

Key: ENIGMA (264351)

Transposition block

2	6	4	3	5	1
E	N	I	G	M	A
B	C	D	F	H	J
K	L	O	P	Q	R
S	T	U	V	W	X
Y	Z				

alphabets:
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pt:  a b c d   e f g h i   j k l m   n o p q   r s t u   v w x y z
CT: (A J R X)(E B K S Y)(G F P V)(I D O U)(M H Q W)(N C L T Z)
       0         4           9          13         17         21
```

encipherment:

```
K:    E +4     N +21    I +13    G +9     M +17    A +0     E +4     N +21    I +13
pt:  Wintry   shower   swillc   ontinu   eforth   enextf   ewdays   accord   ingtot
#:   264351   807869   875457   529922   718149   899537   784804   522849   740236
CT:  RHNAAX   NRUZBN   IUARXC   RTPATB   RLIGDS   VCIRCV   OYPVRA   AZZMUS   REQYEV

K:    G +9     M +17
pt:  hefore   cast
#:   142597   5674
CT:  MMURGW   TLUD
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CT:
264351 RHNAAX NRUZBN IUARXC RTPATB RLIGDS VCIRCV OYPVRA AZZMUS REQYEV MMURGW TLUD 4.

Note: If the keyword has repeated letters, then the transposition block should be determined by the keyword portion of the keyed alphabet. If REPEATED is used as the keyword, then REPATD, after the removal of the repeats of E, creates a transposition block the is 6 wide.

5	3	4	1	6	2
R	E	P	A	T	D
B	C	D	F	H	I
J	K	L	M	N	O
Q	S	U	V	W	X
Y	Z				