Columnar Transposition Cipher

Steps

1.) pick out message you want to encrypt:
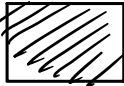
"Common Sense is not so Common"

2.) Pick key size(can be any number):

"key size you pick will be for how many Coloumns

3.) Draw Columns and fill in with words

★ Remember spaces marked with ⌄▪

★ Remember empty left over boxes marked with ⌄ [hatched box]

1	2	3	4	5	6	7	8
C	o	m	m	o	n	▪	S
e	n	S	e	▪	i	s	▪
n	o	t	▪	S	O	▪	C
O	m	m	o	n	.	▨	▨

4.) Now mark all of character positions starting from 0 forward excluding the left over boxes

1	2	3	4	5	6	7	8
C	O	m	m	o	n	▪	S
0	1	2	3	4	5	6	7
e	n	S	e	▪	i	s	▪

e	n	S	e	▮	i	S	▮
8	9	10	11	12	13	14	15
n	o	t	▮	S	o	▮	c
16	17	18	19	20	21	22	23
o	m	m	o	n	.	▨	▨
24	25	26	27	28	29		

5.) Now for each box(excluding shaded boxes) do what I do below

$$\begin{array}{ccc} \overset{+1}{0} & \overset{+1}{\to 1} & \to 2 \\ \downarrow & \downarrow & \downarrow \\ 8 & 9 & 10 \\ \downarrow & \downarrow & \downarrow \\ 16 & 17 & 18 \\ \downarrow & \downarrow & \downarrow \\ 24 & 25 & 26 \end{array}$$

1	2	3	4	5	6	7	8
C	o	m	m	o	n	▮	S
$0+0=0$	$1+0=1$	$2+0=2$	$3+0=3$	$4+0=4$	$5+0=5$	$6+0=6$	$7+0=7$
e	n	S	e	▮	i	S	▮
$0+8=8$	$1+8=9$	$2+8=10$	$3+8=11$	$4+8=12$	$5+8=13$	$6+8=14$	$7+8=15$
n	o	t	▮	S	o	▮	C
$0+16=16$	$1+16=17$	$2+16=18$	$3+16=19$	$4+16=20$	$5+16=21$	$6+16=22$	$7+16=23$
o	m	m	o	n	.	▨	▨
$0+24=24$	$1+24=25$	$2+24=26$	$3+24=27$	$4+24=28$	$5+24=29$		

$$a+b = C \quad (a+1)+b = D$$
$$(a+2)+b = E \quad (a+3)+b = F$$

$$(-+2)+b = E \quad (a+3)+b = F$$

whe putting Colums to gether
You get

"Cengonomm stmme oo snnio. s sc"