

Learning Cryptograms — Set 31

5 puzzles · Large print · answers on the last page

Every letter has been swapped for another letter. The same cipher letter always stands for the same letter, and no letter ever stands for itself. Write your answer in the blank under each letter. Answers are on the last page.

1. Clue: H = E

Medium · 115 letters

X W R U B J N H G U L N

Y H E K B J H Y N Z W U I R H

G Y Q W U U V

Z E C G A B D H I G A I G Y

W A B K H E Y G U U V

B A J Z E X Z E G L H I

B A L Z Z W E

C Z K H E A S H A L G U

Y V Y L H S G Y B Y

X W R U B J H I W J G L B Z A .

Decoder — write your answer under each cipher letter:

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

2. Clue: B = T

Medium · 117 letters

J G C A F B J L F X J T L F

Y J P C A N , T K F H L F E

I C N B Z H N K J H I A Y

E N C J F T , J F H B Z K N K

X J T L F B Z K N K E L C F

B Z K Z L E Z K T B

K O U K V B J B L C F .

J I B K N J Y Y , L B

P N C A E Z B I C N B Z J

G C A T K .

Decoder — write your answer under each cipher letter:

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

3. Clue: I = E

Medium · 118 letters

R P I V F Y D A B P W O

S I I Z Z F R R F

D Z J K D G I D Z R F R P I

X D O N F T F E Y W X O

W Y G I W N B I Z W A R I N ,

S K R R F Y I W G Z

R P I D G O V D G D R W Z N

D Z R I Z R W Z N R F

I Z E F G A I R P I T

W A A F G N D Z U Y B .

Decoder — write your answer under each cipher letter:

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

4. Clue: Z = O

Easy · 120 letters

G U M T L M M I R F C K Y

X Y U Z Z C , G U M

Y U P V Y M T Z L M P Y U

F Z S Z L Q K L C G Z Q M G

P Q Z Z J M C M E M V G P L S

M J R Y P G K Z V , C K M X

P G G U M T Z R V J P G K Z V

Z T Z R L O U Z C M

I Z C K G K Y P C

X K G R P G K Z V .

Decoder — write your answer under each cipher letter:

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

5. Clue: K = I

Hard · 121 letters

J M F Z A D K O V J Q Y Z

D L Y Y R K O V K O A M

Z T K J A Z O W Z, Q O P

M A D Z Y J Q Y Z

D L Y Y R K O V M L A M H

K A; Q O P M H A D Q A

I D K W D K J W M F K O V

K O A M Z T K J A Z O W Z

C Q Y A K J Q E Y Z Q P R

Z T A K O V L K J D Z P.

Decoder — write your answer under each cipher letter:

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

Solver's cheat sheet

Most common letters	E T A O I N S H R D L U
Most common 1-letter words	A I
Most common 2-letter words	OF TO IN IT IS BE AS AT SO WE HE BY OR ON DO IF ME MY UP AN GO NO US AM
Most common 3-letter words	THE AND FOR ARE BUT NOT YOU ALL ANY CAN HER WAS ONE OUR OUT DAY GET HAS HIM HIS HOW MAN NEW NOW OLD SEE TWO WAY WHO BOY DID ITS LET PUT SAY SHE TOO USE
Common double letters	LL EE SS OO TT FF RR NN PP CC
Common word endings	-ING -ION -ENT -TION -LY -ED -ER -EST
After an apostrophe	T (don't) S (it's) RE (we're) VE (I've) LL (we'll) D (I'd)

Answer key

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1. "Public health service should be as fully organized and as universally incorporated into our governmental system as is public education."

— *Herbert Hoover, 1929, Inaugural Address*

Cipher key: A=N B=I C=G D=Z E=R F=Q G=A H=E I=D J=C K=V L=T M=K N=H O=W P=J Q=F R=B S=M T=X
U=L V=Y W=U X=P Y=S Z=O

2. "A mountain was in labour, sending forth dreadful groans, and there was in the region the highest expectation. After all, it brought forth a mouse."

— *Phaedrus, 25, Fables, Book IV. Fable 23, 1 (in Bartlett's Familiar Quotations, 9th ed., 1891)*

Cipher key: A=U B=T C=O D=V E=G F=N G=M H=D I=F J=A K=E L=I M=Y N=R O=X P=B Q=K R=Q S=Z T=S
U=P V=C W=J X=W Y=L Z=H

3. "The policy has been not to inquire into the wisdom of laws already enacted, but to learn their spirit and intent and to enforce them accordingly."

— *Ulysses S. Grant, 1871, Third Annual Message to Congress*

Cipher key: A=C B=Y C=V D=I E=F F=O G=R H=K I=E J=Q K=U L=Z M=J N=D O=S P=H Q=X R=T S=B T=M
U=G V=P W=A X=W Y=L Z=N

4. "The free public school, the chance for each boy or girl to get a good elementary education, lies at the foundation of our whole political situation."

— *Theodore Roosevelt, 1906, Sixth Annual Message to Congress*

Cipher key: A=X B=V C=L D=Q E=M F=B G=T H=Z I=P J=D K=I L=R M=E N=K O=W P=A Q=G R=U S=Y T=F
U=H V=N W=J X=S Y=C Z=O

5. "Some things are hurrying into existence, and others are hurrying out of it; and of that which is coming into existence part is already extinguished."

— *Marcus Aurelius, 1862, Meditations (George Long translation, 1862)*

Cipher key: A=T B=V C=P D=H E=L F=M G=K H=F I=W J=S K=I L=U M=O N=Q O=N P=D Q=A R=Y S=Z T=X
U=B V=G W=C X=J Y=R Z=E