

Medium Cryptograms — Set 172

6 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: Z = A

Medium · 77 letters

Z F F H V Z Q C D M K Z

X M U Z H F D R B

H B Q R D X N F Z R D ; W L R

M R M K Z X M U Z H F D

T V M H V M K R Z A M Q C

N F Z H D D Y D U G

M Q K R Z Q R .

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: H = E

Medium · 77 letters

B I H V H U Z Q C B H F

J H R H F P H

B I H E M H N R H M Q F

B I Q M H V I Q A M H

B I H E T N N , H R H F

B I Q A P I B I H D G H

E Q J H O Q V H J C A N .

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: D = N

Medium · 77 letters

U V E L V Q W D O Q K W M O

W A E D E D K J E H K D

M O , U G K Q G E U E Z V D O

K D X L W X W L F K W D E O

W M L G K C G V L D E F M L V

O H M J P V L O .

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: F = A

Medium · 77 letters

M K F V I M T R I M K

R K E C W Q H V K R R T W L

I M F I Y K U C N I F V R

F N K E F Z F H V K C G , - F

H V K R R T W L I M F I

U C W K X E F W W C I H J X .

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: G = E

Medium · 77 letters

D X L D Y Z J Z S F K Q Q

Q L K V F J G D W R D Z G Y F

X L D Y Z J V S H F K Q

Y G Z G H H O F I X G Z S F

K Q Q Q L K V F J G

U J K N G F L G G D N H 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

6. Clue: H = E

Medium · 77 letters

L H D Q M H V H H B

N G Y X D H Y X R

I H Y N H Z X X D H W H Q V P

E O L D C Z D

T R M H Y V W H V X Z Q V E H

Q B Q I X H B X R D G W Q V

P H Y M C Z H .

Decoder — write your answer under each cipher letter:

A	B	C	D	E	F	G	H	I	J	K	L	M
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N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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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. "All change is a miracle to contemplate; but it is a miracle which is taking place every instant."

— Henry David Thoreau, 1854, *Walden*

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

2. "The weak often revenge themselves on those who use them ill, even though they be more powerful."

— Aesop, 1867, *Aesop's Fables* (George Fyler Townsend translation, 1867)

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

3. "We are conscious of an animal in us, which awakens in proportion as our higher nature slumbers."

— Henry David Thoreau, 1854, *Walden*

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

4. "Health is the second blessing that we mortals are capable of, - a blessing that money cannot buy."

— Izaak Walton, 1653, *The Complete Angler, Part I. Chap. 21* (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

5. "A branch cut off from the adjacent branch must of necessity be cut off from the whole tree also."

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

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

6. "We have need further to perfect the means by which Government can be adapted to human service."

— *Herbert Hoover, 1929, Inaugural Address*

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