

Hard Cryptograms — Set 46

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: B = E

Hard · 45 letters

S A B X K U W B C ' X I B P

M B S X S A B C Z S

B X G Z K B Z F W

G Z S G A B X S A B N M 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

2. Clue: Q = E

Hard · 45 letters

I B B P U E F W K I Z Q

O U I F W Q, T Q P Y Q

F Q Q L F N P H Q I Z

I F T P U E F W F Q Y.

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: J = T

Hard · 45 letters

J R X W K A A V J G E X

J R Z J A K X V

I E T X P W G V J Z A V G

R X A U V J G D P K E T .

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: E = O

Hard · 45 letters

D X K K R Z S L , X T Q N E G

C Z K K R F F C W E Z R

N E G U D U Z F T Q X T Q

C W E T E 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

5. Clue: W = E

Hard · 45 letters

J L X P W R W M B Z M

Y B Z N Y X M W S X U W B A ,

L G Y X F U S G F W X M W

P L W Y X S W .

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: G = E

Hard · 45 letters

X P P X Y G G F S Q S P G N

S J G V B X P Y Q W E S C

X F N G V B X P

I Y J S G Z S Q J F .

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. "The spider's web lets the rat escape and catches the fly."

— *Spanish proverb, 1857, Recorded with English translation in Henry G. Bohn, A Polyglot of Foreign Proverbs (London, 1857)*

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

2. "All things are change, yet we need not fear anything new."

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

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

3. "The millstone that lies undermost also helps to grind."

— *Danish proverb, 1857, Recorded with English translation in Henry G. Bohn, A Polyglot of Foreign Proverbs (London, 1857)*

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

4. "Fall sick, and you will see who is your friend and who not."

— *Spanish proverb, 1857, Recorded with English translation in Henry G. Bohn, A Polyglot of Foreign Proverbs (London, 1857)*

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

5. "Whatever our souls are made of, his and mine are the same."

— *Emily Bronte, 1847, Wuthering Heights*

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

6. "All are entitled to equal rights and equal protection."

— *James K. Polk, 1845, Inaugural Address*

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