

Hard Cryptograms — Set 50

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: X = E

Hard · 45 letters

C Q C K Y J N O A U P N

E P L X C I A A K Y C L X -

Q X O O X B Q B A L X M

O W C M L X F 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

2. Clue: S = L

Hard · 45 letters

E S S T D F ' X ' P A D S L

K X Y F U W G I S D H P ,

E F ' W I E K L K X Y F U

W G I S E P G I 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

3. Clue: B = E

Hard · 45 letters

P F B R B H V

B F I B H T H P O B

M K F O P E B H A L B H B

V K D A K D C E M K X B

K D I .

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: T = O

Hard · 45 letters

H T D I K H W K A A S M K S

H T D X T F Q F M V W M Q T

T Q C W K Q S K O C L X T I

H T D .

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: I = T

Hard · 45 letters

I E N H M U X Z I

R H I G X Z I C Z I I H M U

H M , Q X X M W X O T Q I X

I G T A X I I X 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
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

6. Clue: R = O

Hard · 45 letters

M R T G Q M H A K N W

Q E R W N D F ' B S Q E C H D

Q W M R T F R U E

U A W N R T W H R B 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

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. "A bad custom is like a good cake - better broken than kept."

— *English proverb, 1859, Recorded in Walter K. Kelly, Proverbs of All Nations, Compared, Explained, and Illustrated (London, 1859)*

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

2. "All kin' o' smily round the lips, An' teary round the lashes."

— *James Russell Lowell, 1848, The Biglow Papers, First Series, Second Series. The Courtin' (in Bartlett's Familiar Quotations, 9th ed., 1891)*

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

3. "In every enterprise consider where you would come out."

— *Publilius Syrus, 42 BC, Sententiae (Maxims), 777 (in Bartlett's Familiar Quotations, 9th ed., 1891)*

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

4. "You may call that your own which no one can take from you."

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

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

5. "Taking out without putting in, soon comes to the bottom."

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

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

6. "You may light another's candle at your own without loss."

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

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