

Hard Cryptograms — Set 101

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 = T

Hard · 55 letters

S H Z H X X F W L G T D Z Y

D X X H M J C C G L

R Z H I D Z Y X F J X X F W L

R Z H I Z H X F D Z Y J X

J K 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

2. Clue: P = T

Hard · 55 letters

J P J Z U K P

U N T N Z Z I E V P K S J Z O

R F N B N E V D R T M N P

P O I P S I Q Q Z J U P K

P O N X N Q Q .

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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3. Clue: B = O

Hard · 55 letters

T L B S P E Y G M L Y

T B A J L V G

Z B S C P K V B K G L B H A R

Z P F F X P R B D H K R Y F

L V G Z A B P E .

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: X = E

Hard · 55 letters

I X K X Z X V G M W X

H U W O N U B M P W

S R B U W X B B, J W O K N X

Q M P B P U I I S X P X I I

K X W O 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

5. Clue: G = A

Hard · 55 letters

G B J Y E A G O

I G S J - I W Y D J Y V I W Y D

I E M P M P J E Y P J G X V

G V I J Z Z G V M P J E Y

P G O X 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

6. Clue: D = A

Hard · 55 letters

K W L N S D F I V K G S

X N C S A D K W C Y X L

G D V V , X N C S R D P X

C Y X L U S R D A O D W R

R A S D A 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 wordsOF 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 apostropheT (don't) S (it's) RE (we're) VE (I've) LL (we'll) D
(I'd)

Answer key

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1. "Do not they bring it to pass by knowing that they know nothing at all?"

— Terence, 166 BC, *Andria*, *The Prologue*. 17 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

2. "It is not necessary to fish up every bucket that falls into the well."

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

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

3. "Who makes the wolf his companion should carry a dog under his cloak."

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

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

4. "Let every one mind his own business, and the cows will be well tended."

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

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

5. "American wage-workers work with their heads as well as their hands."

— Theodore Roosevelt, 1901, *First Annual Message to Congress*

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

6. "Into each life some rain must fall, Some days must be dark and dreary."

— Henry Wadsworth Longfellow, 1841, *Ballads and Other Poems*, *The Rainy Day* (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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