

Hard Cryptograms — Set 30

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: W = E

Hard · 42 letters

I F W W H K O U Q V T Y H ' V

J Y A W E M U N V G W Y H

Y H Z F O V W L W

V N W G G 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: R = A

Hard · 43 letters

X V H N T V Z G , R

G P V J L K B H R V - M R Z H O

U T B B R T V , R F H L H

R V R Q X F 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: J = E

Hard · 43 letters

V J N R Z G L K K O

J Q J D C M V J D J ,

J I Y J R E Z P E V J

R K D D Z O L J - W K M N .

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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4. Clue: V = E

Hard · 43 letters

K T V T V E I O N K B V L H V

X Z V A L Z K J E Z P B L

V C V E U S N L ' A

J N E X V L .

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: T = E

Hard · 43 letters

X T Z X C Z S V T Y F V Z

Y C H T A T F F Q T Y ,

M Q N N F T H T O X C H T

A V B F S 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

6. Clue: I = O

Hard · 43 letters

M I X ' H E T Y J

L I B O Q J V P F I I O H I

I X J R C I R I X ' H E T Y J

L I B O U D C .

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 envious man's face grows lean and his eye swells."

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

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

2. "One Pinch, a hungry lean-faced villain, A mere anatomy."

— William Shakespeare, 1594, *The Comedy of Errors*, Act V. Sc. 1 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

3. "Help is good everywhere, except in the porridge-bowl."

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

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

4. "The herb patience does not grow in every man's garden."

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

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

5. "He that does not save pennies, will never have pounds."

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

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

6. "Don't make yourself poor to one who won't make you rich."

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

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