

# Hard Cryptograms — Set 161

*5 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: P = T

Hard · 113 letters

R X W J M Q G J D E G

C N P P G E P X N J Z G J P

P K D J P X I W O M G ,

C N P P G E C X E

G S G A W P N X J P K D J

C X E A X W J B G H , D J O

C N P P G E C X E J G V

F E X I G A P B P K D J C X E

B G P P H G O T W B N J G 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 |

2. Clue: J = E

Hard · 114 letters

K O M V C M V U J

M C Z Y - Y O Z J M ,

U J C D J Y S Z J O D S Z

C Z S V U J X , U F Y J

J C E U V U J T F X M V , M S

F Z N F T J V U J

T S X A J X Y J J Y M C X J

R O F E W N I U F Y Y J Z P I

V U S M J V U C V T S N N S L

C T V 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 |

3. Clue: P = E

Hard · 114 letters

O C X P , G P R G B R A B E P

C O Z M R G O C W G

N B X T P E M O W Y C X O P ,

N Y Y S M U T L P I Y X P

B U E B I R P X , T B K P C O

U Y R R G B R

W B J B L M N M R D B U E

T Y E N M S P X P B O Y U R Y

I C O R M U C O C U C O 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: J = T

Hard · 117 letters

P R V B L M S X P C J H R

I V J N M S J M E M X F V X

L M S R C W V H R M Q H V

M E J P M J R Q B I N J M

F M : J R X M P Q J Q B

J R V E Q X V M X J C T V

Q J J M J R V

P C J H R - J Q B T V X . J R V

E M X O V X Q N J R V

U S Q H T V N J .

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 = E

Hard · 121 letters

W K V I A S N T V C

\_\_\_\_\_

K I X L V K I N P T J P

\_\_\_\_\_

K J K I E I J A D I P H V G P

\_\_\_\_\_

B V U I A I N N J A S

\_\_\_\_\_

L A B V U I A I N N P T J P

\_\_\_\_\_

C V X L I N I J F T H V P T

\_\_\_\_\_

P T I C K I N I A F I R W

\_\_\_\_\_

C R H I K J A S R W

\_\_\_\_\_

F R A N I A P V A P T I

\_\_\_\_\_

R P T I K C J K P M .

\_\_\_\_\_

Decoder — write your answer under each cipher letter:

|          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>I</b> | <b>J</b> | <b>K</b> | <b>L</b> | <b>M</b> |
| <b>N</b> | <b>O</b> | <b>P</b> | <b>Q</b> | <b>R</b> | <b>S</b> | <b>T</b> | <b>U</b> | <b>V</b> | <b>W</b> | <b>X</b> | <b>Y</b> | <b>Z</b> |

### Solver's cheat sheet

|                                   |                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Most common letters</b>        | E T A O I N S H R D L U                                                                                                                                       |
| <b>Most common 1-letter words</b> | A I                                                                                                                                                           |
| <b>Most common 2-letter words</b> | OF TO IN IT IS BE AS AT SO WE HE BY OR ON DO IF ME MY<br>UP AN GO NO US AM                                                                                    |
| <b>Most common 3-letter words</b> | THE AND FOR ARE BUT NOT YOU ALL ANY CAN HER WAS ONE<br>OUR OUT DAY GET HAS HIM HIS HOW MAN NEW NOW OLD SEE<br>TWO WAY WHO BOY DID ITS LET PUT SAY SHE TOO USE |
| <b>Common double letters</b>      | LL EE SS OO TT FF RR NN PP CC                                                                                                                                 |
| <b>Common word endings</b>        | -ING -ION -ENT -TION -LY -ED -ER -EST                                                                                                                         |
| <b>After an apostrophe</b>        | T (don't) S (it's) RE (we're) VE (I've) LL (we'll) D<br>(I'd)                                                                                                 |

## Answer key

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### Hard Cryptograms — Set 161

1. "Young men are fitter to invent than to judge, fitter for execution than for counsel, and fitter for new projects than for settled business."

— Francis Bacon, 1625, *Essays, Of Youth and Age* (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

2. "Just as the sand-dunes, heaped one upon another, hide each the first, so in life the former deeds are quickly hidden by those that follow after."

— Marcus Aurelius, 170, *Meditations*, VII. 34 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

3. "Sure, he that made us with such large discourse, Looking before and after, gave us not that capability and godlike reason to fust in us unused."

— William Shakespeare, 1601, *Hamlet*, Act IV. Sc. 4 (in *Bartlett's Familiar Quotations*, 9th ed., 1891)

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

4. "When your watch gets out of order you have choice of two things to do: throw it in the fire or take it to the watch-tinker. The former is the quickest."

— Mark Twain, 1897, *Following the Equator*

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

5. "Friendship requires that rare mean betwixt likeness and unlikeness that piques each with the presence of power and of consent in the other party."

— Ralph Waldo Emerson, 1841, *Essays: First Series*

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