

# Expert Cryptograms — Set 20

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: G = E

Expert · 43 letters

**D G Q G X T G Q D K Q**

\_\_\_\_\_

**R F X N A Y G Q N I D W**

\_\_\_\_\_

**Q G X T G Q N D G**

\_\_\_\_\_

**O W P S N X A Y G Q N .**

\_\_\_\_\_

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 |

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

## 2. Clue: K = E

Expert · 43 letters

**E N L X V O D K Q X M**

\_\_\_\_\_

**B O Z Z L , L X V T V Y M**

\_\_\_\_\_

**B O F K O Q K F E H**

\_\_\_\_\_

**S X Q Y S E K Q S K .**

\_\_\_\_\_

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> |

3. Clue: H = N

Expert · 43 letters

D J X W W J R Z Q T W

T R X K H B M H U Q A W J

J R Z Q H W M H A R B M H

Q T I X E R .

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: V = O

Expert · 43 letters

R G P L V W Z K U T M V R T P

V U N V W P T Y E M O E U C

F V T P E H E B V U L V V Z .

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: Q = O

Expert · 43 letters

N Q R R Q G K W I Z D J W E X

F A W Y Q D I Q Z Q M J

G D F E Q G D I

W G U W D O Q 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 |

6. Clue: K = H

Expert · 43 letters

L R J F S A C S A C O D N ,

M D F P O W K K O S L R J F

W K J Y K M F J Y H L

D O N K 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 |

**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. "He serves his party best who serves the country best."

— *Rutherford B. Hayes, 1877, Inaugural Address, March 5, 1877 (in Bartlett's Familiar Quotations, 9th ed., 1891)*

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

#### 2. "If you are not happy, you must have an evil conscience."

— *Robert Louis Stevenson, 1881, Virginibus Puerisque and Other Papers*

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

#### 3. "What the colt learns in youth he continues in old age."

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

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

#### 4. "Misfortune comes on horseback and goes away on foot."

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

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

#### 5. "Common welfare is the goal of our national endeavor."

— *Warren G. Harding, 1921, Inaugural Address*

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

#### 6. "Fled Murmuring, and with him fled the shades of night."

— *John Milton, 1667, Paradise Lost, Book IV. Line 1014 (in Bartlett's Familiar Quotations, 9th ed., 1891)*

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