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Encoding and Decoding Data



Can you decode the secret message?

Discussion

In the video, Agent Zhivago received a secret message from his comrade. In what other circumstances might it be necessary to send or receive a secret, encoded message?

Morse Code

copy



- Morse Code is a set of rules used to encode data
- Every letter is represented by a set of dots and dashes

Morse Code

You will use these
Morse Code rules to
decode the next few
secret messages.

— • — —
YOU
LOSE
THE
GAME

1. The length of a dot is one unit.
2. A dash is three units.
3. The space between parts of the same letter is one unit.
4. The space between letters is three units.
5. The space between words is seven units.

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	— — • •

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1	• — — —
2	• • — — —
3	• • • — —
4	• • • • —
5	• • • • •
6	— • • • •
7	— — • • •
8	— — — • •
9	— — — — •
0	— — — — —

Rules/Pattern
Morse Code

Encoded Sentence:

[illegible]

Decoded sentence

(Use this space to work it out)

Morse Code
is Cool

Rules/Pattern

Morse Code

Encoded Sentence:

_ . _ . _ _ _ _ . _ _ . _ .
 . _ _ . . _ . _ . . _ .
 _ _ _ _ _ . _ _
 _ _ _ . . _ . _ . . _ .
 _ .

Decoded sentence

(Use this space to work it out)

Congratulations
you finished

