

Morse Code

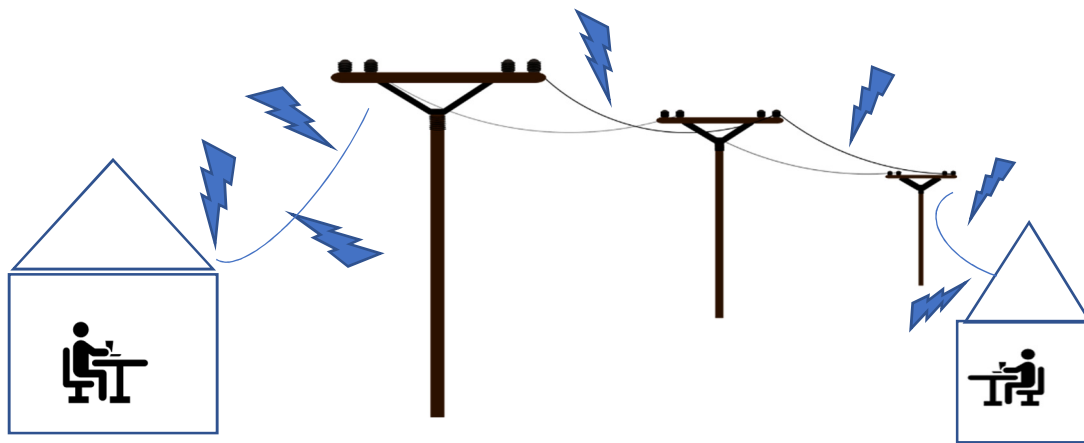
Name: _____

Date: _____

Background:

Before the invention of the telegraph, most messages that had to be sent over long distances were carried by messengers were delivered by foot, horse or ship. Communication with people far away could take days, weeks, or longer.

The electrical telegraph was invented in 1836 by William Forthergill Cooke and Charles Wheatstone. The telegraph allowed messages to be sent very fast over long distances using electricity. However, the electrical telegraph did not let you speak or hear noises. So, a code was created to be able to communicate using the electrical pulses that were sent over the telegraph.



This code was called, Morse Code. It was invented by Samuel Morse, in 1838.

Telegraph messages were sent by tapping out the code for each letter in the form of long and short signals. Short signals are referred to as **dits** (represented as dots). Long signals are referred to as **dahs** (represented as dashes). The code was converted into electrical impulses and sent over telegraph wires. A telegraph receiver on the other end of the wire converted the impulses back into to dots and dashes and decoded the message.

Morse Code

Name: _____

Date: _____

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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Name: _____

Date: _____

Translate the following words and phrases using the Morse Code alphabet. The dash mark / mean that there is a space between words.

Example: .. / .-.. --- ...- . / -.- - - ..-

I LOVE You

1) -.-. .- -

2)- .-. .-. -.- / -... .. .- - -.. .- -.-

3) .. -.-. . / -.-. .- . .- --

4) -.- - - ..- / .- .- . / .- .- - - .

5) - / - .- -.- / .- / .-.. - - - - .- -.- /

- .. - .



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6) Can you write your name using Morse code?

Telephone technology quickly replaced the telegraph as a way for most people to communicate. But, Morse Code and the electrical telegraph continued to be used for military communication as well as the field of aviation and aeronautics.

The most well-known signal sent using Morse Code is the SOS distress signal

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The Answers are: 1. *CAT* 2. *HAPPY BIRTHDAY* 3. *ICE CREAM* 4. *YOU ARE AWESOME* 5. *THIS TAKES A LONG TIME. This Takes a Long Time*