

Name _____

Morse Code

Today, we commonly use telephones when we want to transmit a message over a long distance. However, before the use of telephones, other means of communication were utilized. Messages were often sent on paper. More urgent messages may have been sent by Morse code.

Morse code is a system of dashes and dots. Each combination of dashes and dots represents a different letter in the alphabet. Samuel Morse developed this language in 1835 to send messages over long distances with a telegraph machine. Morse code is still commonly used in emergencies by people today when telephone services are interrupted or unavailable.

You can use a flashlight, a whistle, a buzzer, or a light reflective mirror to transmit a Morse code message. Use the code to create a message for a friend. Then use one of the suggested methods for transmission to send your message. Challenge your friend to decode your message.

International Morse Code			
Letters			
A	● ■	H	● ● ● ●
B	■ ● ● ●	I	● ●
C	■ ● ■ ●	J	● ■ ■ ■
D	■ ● ●	K	■ ● ■
E	●	L	● ■ ● ●
F	● ● ■ ●	M	■ ■
G	■ ■ ●	N	■ ●
		O	■ ■ ■
		P	● ■ ■ ●
		Q	■ ■ ● ■
		R	● ■ ●
		S	● ● ●
		T	■
		U	● ● ■
		V	● ● ● ■
		W	● ■ ■
		X	■ ● ● ■
		Y	■ ● ■ ■
		Z	■ ■ ● ●
Numerals			
1	● ■ ■ ■ ■	6	■ ● ● ● ●
2	● ● ■ ■ ■	7	■ ■ ● ● ●
3	● ● ● ■ ■	8	■ ■ ■ ● ●
4	● ● ● ● ■	9	■ ■ ■ ■ ●
5	● ● ● ● ●	0	■ ■ ■ ■ ■

Answer:

What are some of the benefits of Morse code? _____

What are some of the drawbacks of Morse code? _____
