

Binary Code Converter

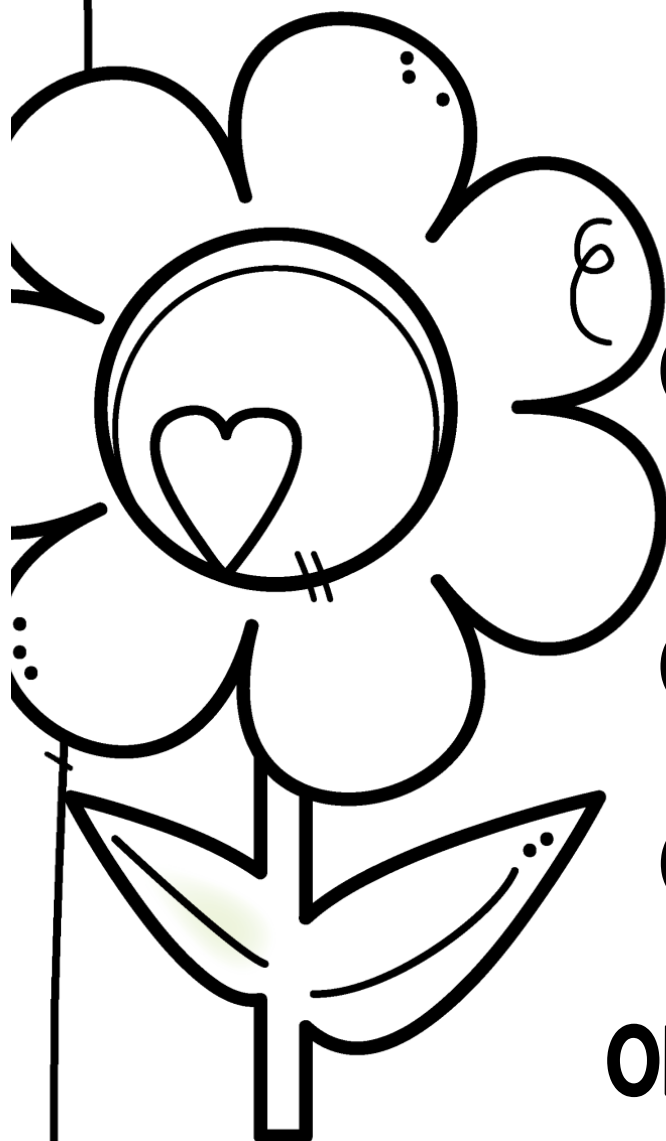
Use this chart to help you decode the messages

| | | | |
|--------------|----------|----------|----------|
| A | 01000001 | N | 01001110 |
| B | 01000010 | O | 01001111 |
| C | 01000011 | P | 01010000 |
| D | 01000100 | Q | 01010001 |
| E | 01000101 | R | 01010010 |
| F | 01000110 | S | 01010011 |
| G | 01000111 | T | 01010100 |
| H | 01001000 | U | 01010101 |
| I | 01001001 | V | 01010110 |
| J | 01001010 | W | 01010111 |
| K | 01001011 | X | 01011000 |
| L | 01001100 | Y | 01011001 |
| M | 01001101 | Z | 01011010 |
| Space | | | 00100000 |

Binary Code Puzzle

Name: _____

Binary code uses the digits of 0 and 1 (binary numbers) to represent computer instructions or text. Each instruction or symbol gets a *bit string assignment*. The strings can correspond to instructions, letters, or symbols. In computing, these codes are used for encoding data.



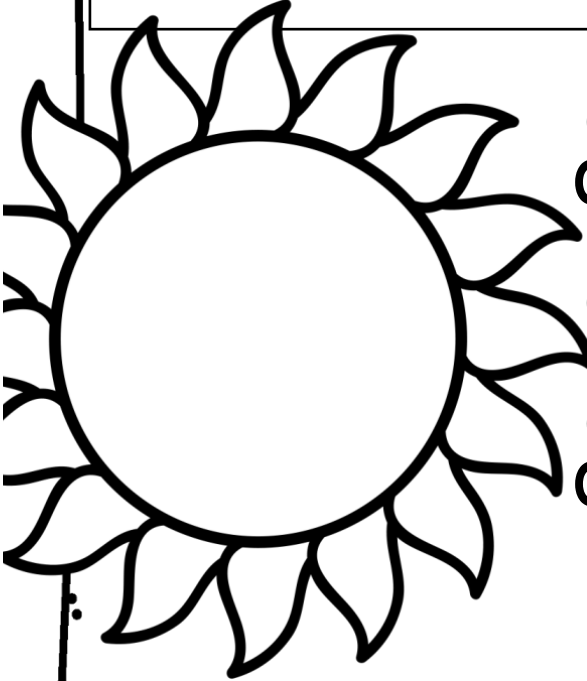
01010011 01010000
01010010 01001001
01001110 01000111
00100000 01001001
01010011 00100000
01001001 01001110
00100000 01000110
01010101 01001100
01001100 00100000
01000010 01001100
01001111 01001111 01001101

Decoded Message:

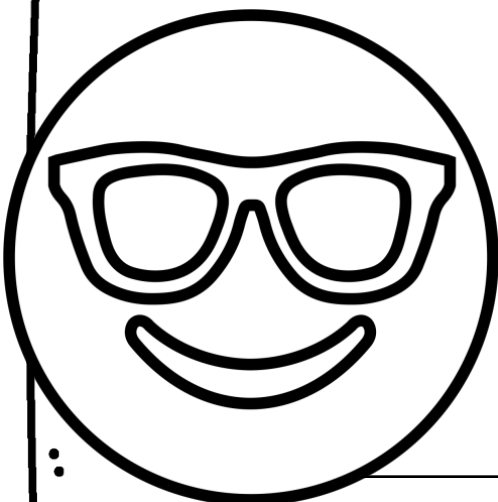
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01001001 01001110 00100000 01010100
01001000 01000101 00100000 01001110
01001111 01010010 01010100 01001000
01000101 01010010 01001110 00100000
01001000 01000101 01001101 01001001
01010011 01010000 01001000 01000101
01010010 01000101 00100000 01001010
01010101 01001110 01000101 00100000
01001000 01000001 01010011
00100000 01010100 01001000
01000101 00100000 01001100 01001111
01001110 01000111 01000101 01010011
01010100 00100000 01000100
01000001 01011001 00100000 01001111
01000110 00100000 01010100
01001000 01000101 00100000 01011001
01000101 01000001 01010010

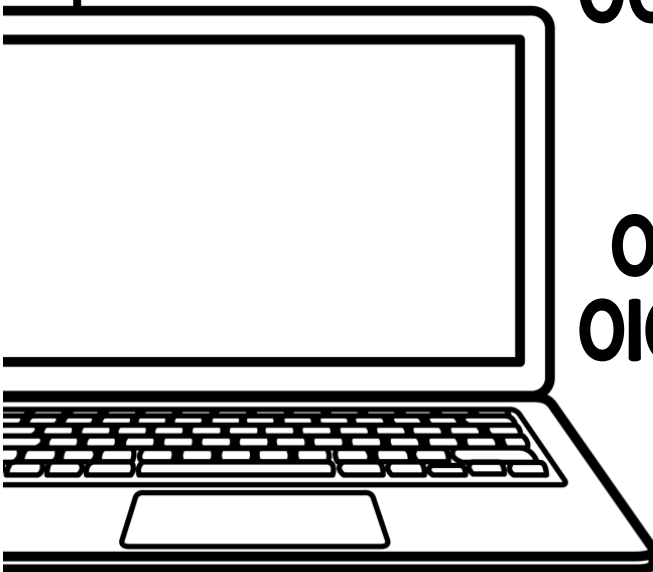


Decoded Message:

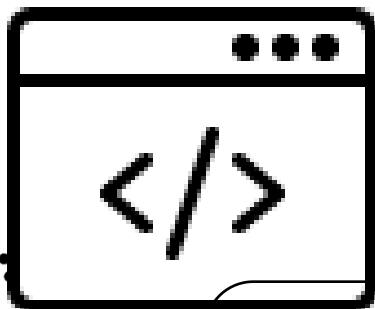
Binary Code Puzzle

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```
01000010 01001001 01001110
01000001 01010010 01011001
00100000 01000011 01001111
  01000100 01000101
  00100000 01000100
  01000101 01000011 01001111
01000100 01001001 01001110
  01000111 00100000
  01001001 01010011
  00100000 01010010
  01000101 01000001
01001100 01001100 01011001
  00100000 01000110
  01010101 01001110
```



Decoded Message:

Hexadecimal Converter

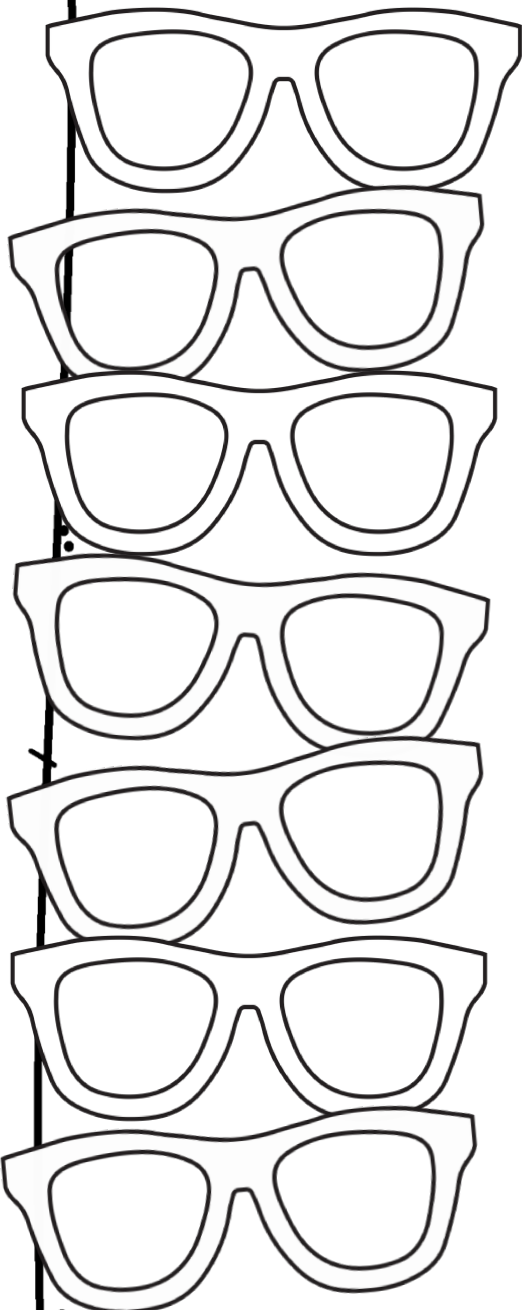
Use this chart to help you decode the messages

| | | | | | |
|----------|-----------|----------|-----------|----------|-----------|
| 0 | 30 | A | 41 | N | 4e |
| 1 | 31 | B | 42 | O | 4f |
| 2 | 32 | C | 43 | P | 50 |
| 3 | 33 | D | 44 | Q | 51 |
| 4 | 34 | E | 45 | R | 52 |
| 5 | 35 | F | 46 | S | 53 |
| 6 | 36 | G | 47 | T | 54 |
| 7 | 37 | H | 48 | U | 55 |
| 8 | 38 | I | 49 | V | 56 |
| 9 | 39 | J | 4a | W | 57 |
| | | K | 4b | X | 58 |
| | | L | 4c | Y | 59 |
| | | M | 4d | Z | 5a |

Hexadecimal Puzzle

Name: _____

Computers store text as numbers, and with hex you display the numbers not as a decimal number, but in base 16. Hex or base 16 or hexadecimal is a numeral system that uses 16 symbols. The symbols include 0-9 and a-f.



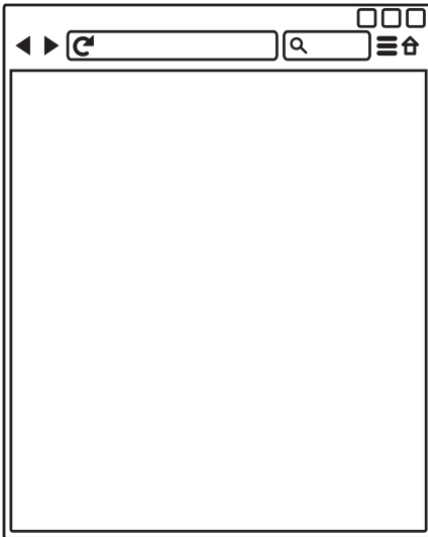
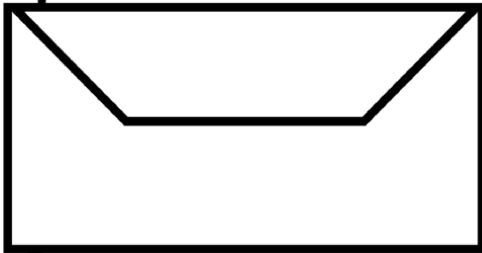
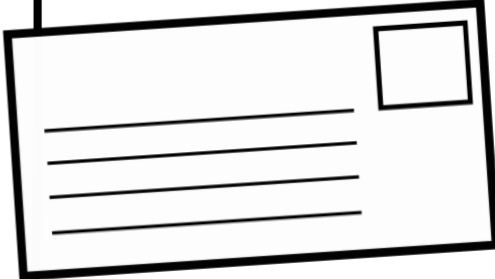
54 48 45 20 4d 41 4a 4f
52 49 54 59 20 4f 46 20
43 4f 4d 50 55 54 45 52
20 55 53 45 52 53 20 42
4c 49 4e 4b 20 41 52 4f
55 4e 44 20 37 20 54 49
4d 45 53 20 50 45 52 20
4d 49 4e 55 54 45 20 49
4e 53 54 45 41 44 20 4f
46 20 54 48 45 20 4e 4f
52 4d 41 4c 20 32 30 20
42 4c 49 4e 4b 53 20 50
45 52 20 4d 49 4e 55 54
45 20 52 41 54 45

Decoded Message:

Hexadecimal Puzzle

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45 4d 41 49 4c 20 48
41 53 20 42 45 45 4e
20 41 52 4f 55 4e 44
20 4c 4f 4e 47 45 52
20 54 48 41 4e 20 54
48 45 20 49 4e 54 45
52 4e 45 54 20 42 45
43 41 55 53 45 20 49
54 20 57 41 53 20 49
4e 56 45 4e 54 45 44
20 46 49 52 53 54

Decoded Message:

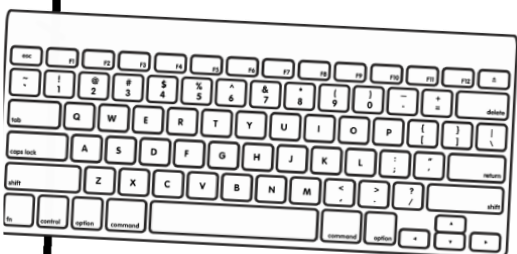
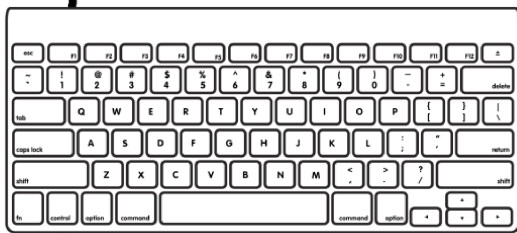
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Name: _____

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54 48 45 20 53 54 41 54
45 20 4f 46 20 41 4c 41 53
4b 41 20 49 53 20 54 48
45 20 4f 4e 4c 59 20 53
54 41 54 45 20 57 48 4f 53
45 20 4c 45 54 54 45 52
53 20 43 41 4e 20 42 45
20 54 59 50 45 44 20 49
4e 20 41 20 53 54 52 41 49
47 48 54 20 52 4f 57 20
4f 46 20 4b 45 59 42 4f
41 52 44 20 4c 45 54 54
45 52 53



Decoded Message:

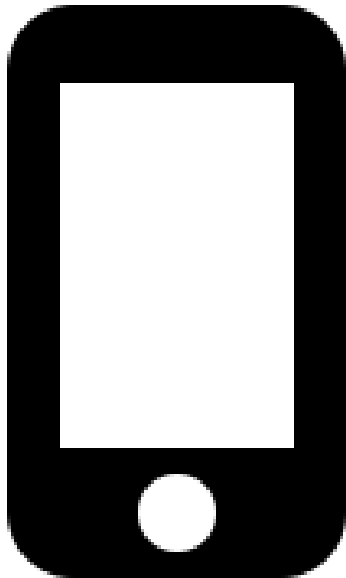
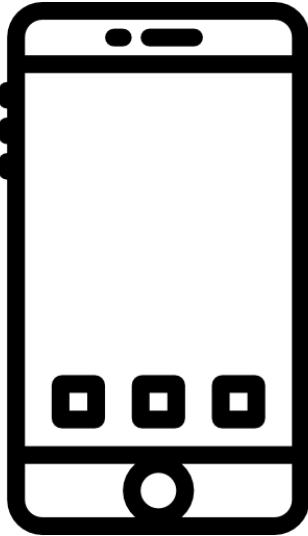
Morse Code Alphabet

| | | | | | |
|---|------|---|-------|---|---------|
| A | •- | N | -• | 0 | ----- |
| B | -••• | O | --- | 1 | •----- |
| C | -•-• | P | •-•• | 2 | ••----- |
| D | -•• | Q | ---•- | 3 | •••--- |
| E | • | R | •-• | 4 | ••••- |
| F | ••-• | S | ••• | 5 | ••••• |
| G | --• | T | - | 6 | -•••• |
| H | •••• | U | ••- | 7 | --••• |
| I | •• | V | •••- | 8 | ----•• |
| J | •--- | W | •-- | 9 | ----• |
| K | -•- | X | -••- | . | •-•-•- |
| L | •-•• | Y | -•-- | , | --••- |
| M | -- | Z | ---•• | ? | ••-•• |

Morse Code Puzzle

Name: _____

Morse code transmits text information. The recipient can understand the message without additional decoding equipment. Dits refer to dots. Dahs refer to dashes. These dits/dots and dahs/dashes provide the code.



· _ · _ · · _ _ _ _ · · · _ /
· · · · · · _ · _ · · · · · _ / _ _ _ _
· · _ · / _ · · · · · · / · _ _ · ·
_ _ _ · _ _ · · _ · · · / _ _ _ _ _
/ · · _ · · · _ · · · · / · · · · ·
· · · _ · / _ · · · · _ · · _ · /
_ _ · _ _ · · · / · _ / · _ _ ·
· · · · _ _ _ _ _ · · / _ · _ · ·
· · · · · _ _ _ _ _ · · / _ _ · · ·
· · · · · _ _ · · · · ·

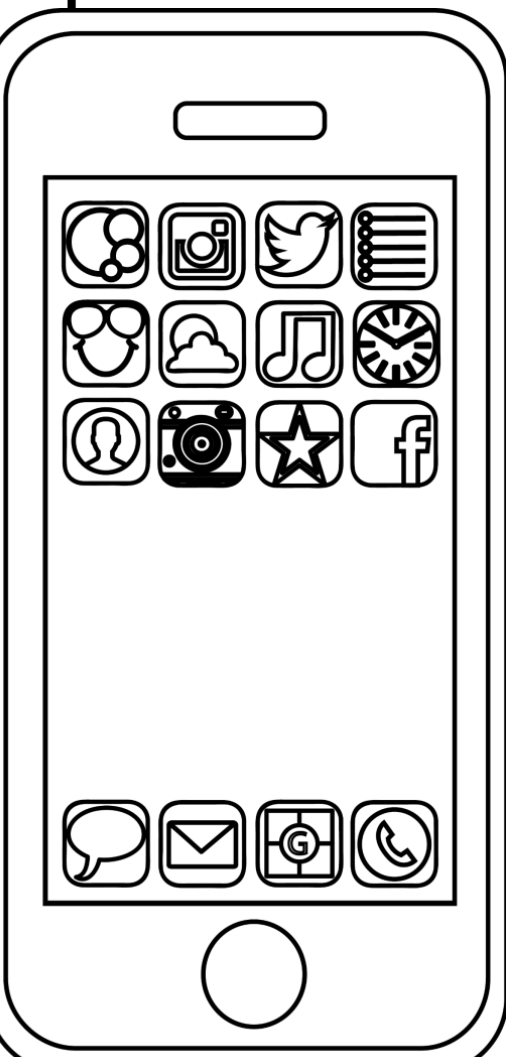
Decoded Message:

Morse Code Puzzle

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· _ ··· / _ _ _ ·· _ · / _ ··· ··· ···
/ _ _ _ · · · _ · _ _ · _ _ · / _ ··· ·
· _ · · / · _ · · · / _ _ · · · _ · _ ·
· _ · · _ · _ · · _ _ _ / · _ _ _
_ _ ··· / _ ··· ··· _ ··· · _ _ _
· / _ ··· ··· _ ··· _ ··· ··· / _
···· · _ _ / · _ · · · / _ _ · _ _ _
· _ · · _ · _ · _ · _ · · / _ _ _ · · /
· _ · · · _ · · _ _ · _ · · / _ _ _ _ /
_ ··· · / · · _ · · · _ · · _ /
· _ · _ · · / _ ··· · / · · ··· · /
_ _ · · _ · / _ ··· · / · · _ · ·
· _ · · ·

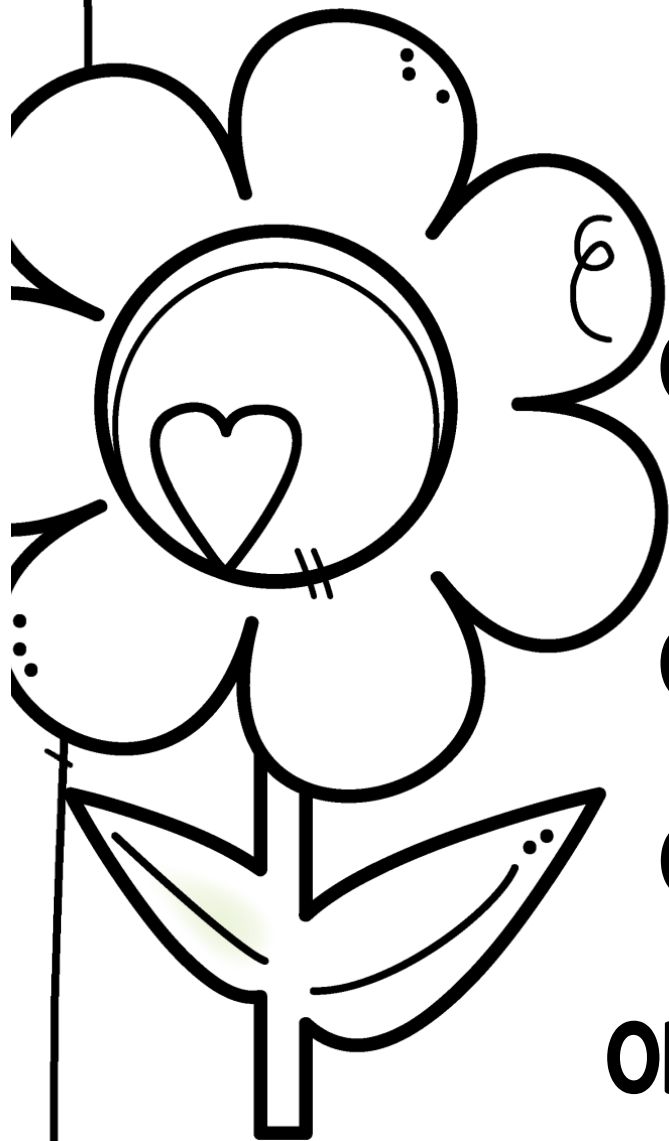


Decoded Message:

Binary Code Puzzle

Name: ____KEY_____

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01010011 01010000
01010010 01001001
01001110 01000111
00100000 01001001
01010011 00100000
01001001 01001110
00100000 01000110
01010101 01001100
01001100 00100000
01000010 01001100
01001111 01001111 01001101

Decoded Message:

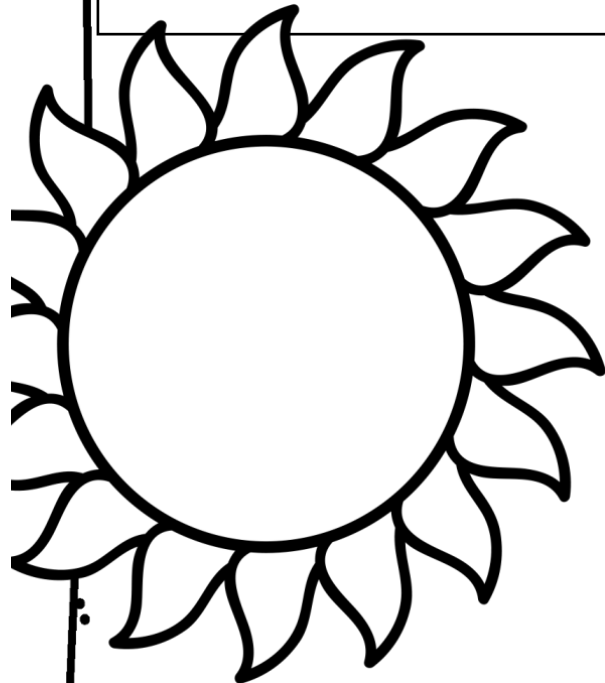
SPRING IS IN FULL BLOOM

Binary Code Puzzle

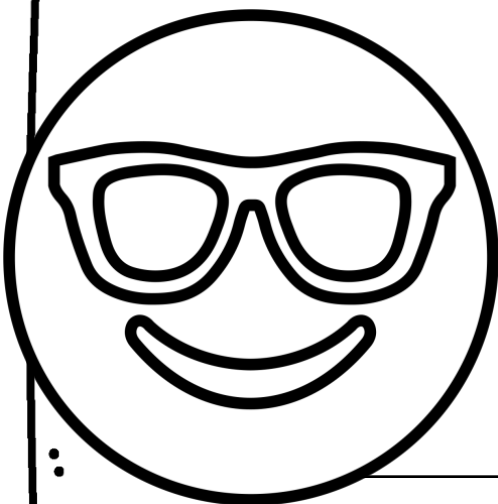
Name: _____

-----KEY-----

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01001001 01001110 00100000
01010100 01001000 01000101
00100000 01001110 01001111
01010010 01010100 01001000
01000101 01010010 01001110
00100000 01001000 01000101
01001101 01001001 01010011
01010000 01001000 01000101
01010010 01000101 00100000
01001010 01010101 01001110 01000101
00100000 01001000 01000001
01010011 00100000 01010100
01001000 01000101 00100000
01001100 01001111 01001110 01000111
01000101 01010011 01010100
00100000 01000100 01000001
01011001 00100000 01001111
01000110 00100000 01010100
01001000 01000101 00100000
01011001 01000101 01000001



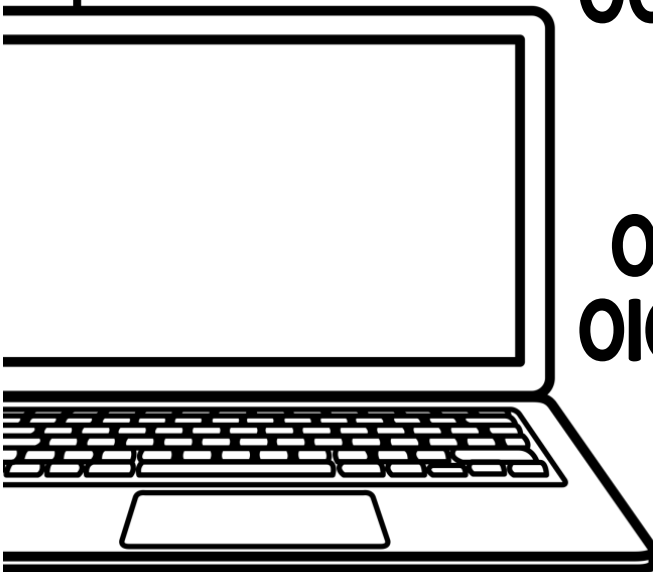
Decoded Message:

IN THE NORTHERN HEMISPHERE JUNE
HAS THE LONGEST DAY OF THE YEAR

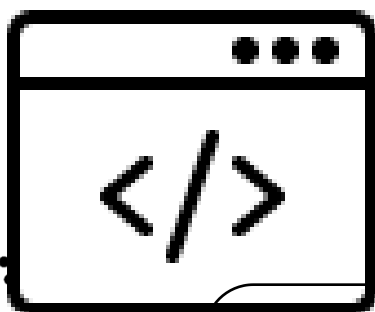
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```
01000010 01001001 01001110
01000001 01010010 01011001
00100000 01000011 01001111
  01000100 01000101
  00100000 01000100
  01000101 01000011 01001111
01000100 01001001 01001110
  01000111 00100000
  01001001 01010011
  00100000 01010010
  01000101 01000001
01001100 01001100 01011001
  00100000 01000110
  01010101 01001110
```

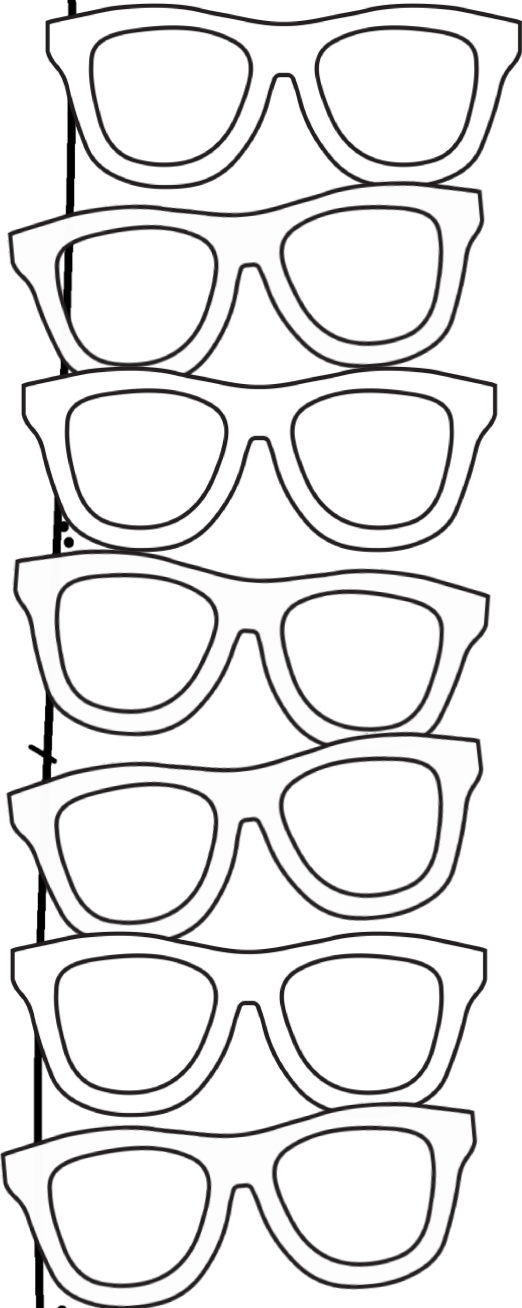


Decoded Message:
BINARY CODE DECODING IS REALLY FUN

Hexadecimal Puzzle

Name: _____KEY_____

Computers store text as numbers, and with hex you display the numbers not as a decimal number, but in base 16. Hex or base 16 or hexadecimal is a numeral system that uses 16 symbols. The symbols include 0-9 and a-f.



54 48 45 20 4d 41 4a 4f
52 49 54 59 20 4f 46 20
43 4f 4d 50 55 54 45 52
20 55 53 45 52 53 20 42
4c 49 4e 4b 20 41 52 4f
55 4e 44 20 37 20 54 49
4d 45 53 20 50 45 52 20
4d 49 4e 55 54 45 20 49
4e 53 54 45 41 44 20 4f
46 20 54 48 45 20 4e 4f
52 4d 41 4c 20 32 30 20
42 4c 49 4e 4b 53 20 50
45 52 20 4d 49 4e 55 54
45 20 52 41 54 45

Decoded Message:

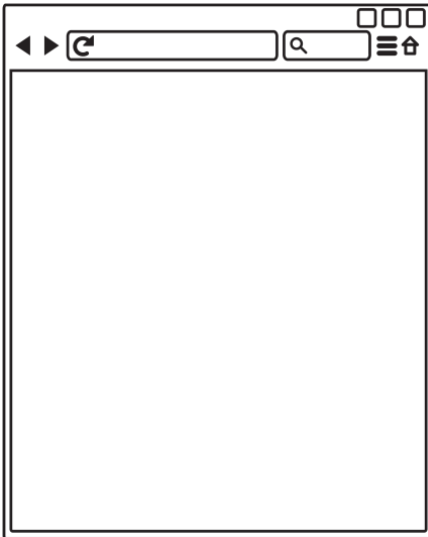
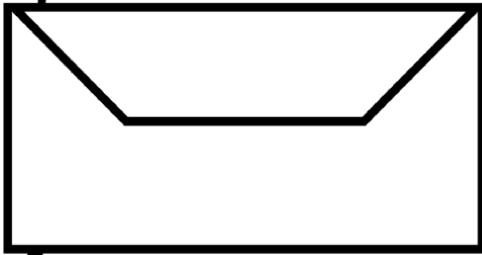
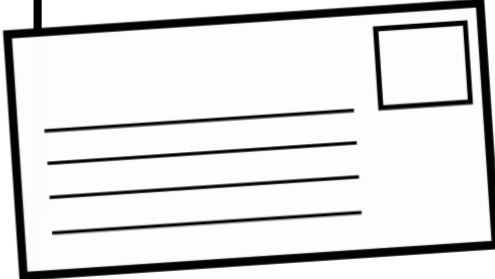
THE MAJORITY OF COMPUTER USERS BLINK AROUND 7 TIMES
PER MINUTE INSTEAD OF THE NORMAL 20 BLINKS PER MINUTE
RATE

Hexadecimal Puzzle

Name:

-----KEY-----

Computers store text as numbers, and with hex you display the numbers not as a decimal number, but in base 16. Hex or base 16 or hexadecimal is a numeral system that uses 16 symbols. The symbols include 0-9 and a-f.



45 4d 41 49 4c 20 48
41 53 20 42 45 45 4e
20 41 52 4f 55 4e 44
20 4c 4f 4e 47 45 52
20 54 48 41 4e 20 54
48 45 20 49 4e 54 45
52 4e 45 54 20 42 45
43 41 55 53 45 20 49
54 20 57 41 53 20 49
4e 56 45 4e 54 45 44
20 46 49 52 53 54

Decoded Message:

EMAIL HAS BEEN AROUND LONGER THAN THE INTERNET
BECAUSE IT WAS INVENTED FIRST

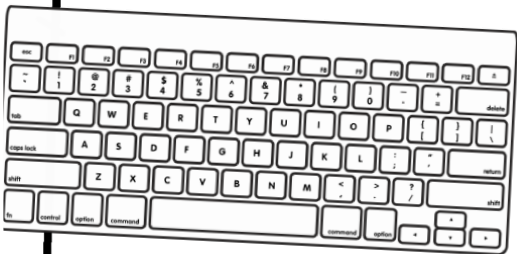
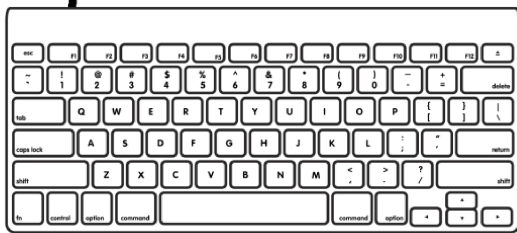
Hexadecimal Puzzle

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54 48 45 20 53 54 41 54
45 20 4f 46 20 41 4c 41 53
4b 41 20 49 53 20 54 48
45 20 4f 4e 4c 59 20 53
54 41 54 45 20 57 48 4f 53
45 20 4c 45 54 54 45 52
53 20 43 41 4e 20 42 45
20 54 59 50 45 44 20 49
4e 20 41 20 53 54 52 41 49
47 48 54 20 52 4f 57 20
4f 46 20 4b 45 59 42 4f
41 52 44 20 4c 45 54 54
45 52 53

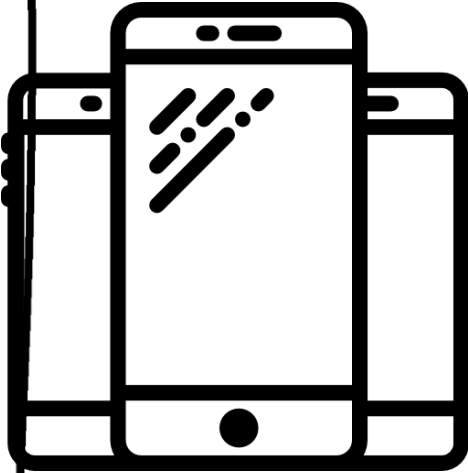


Decoded Message:
THE STATE OF ALASKA IS THE ONLY STATE WHOSE LETTERS
CAN BE TYPED IN A STRAIGHT ROW OF KEYBOARD
LETTERS

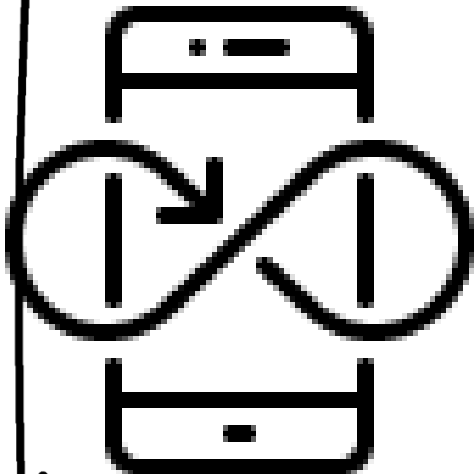
Morse Code Puzzle

Name: _____KEY_____

Morse code transmits text information. The recipient can understand the message without additional decoding equipment. Dits refer to dots. Dahs refer to dashes. These dits/dots and dahs/dashes provide the code.



.. . / / / / /
- . . / - - - . . . / - . . . / - . . . /
/ - - /
... / / / /
. / / /
- . . / - / /
- - - - / -
/ - / - - - -
/
- / - - - - /
... /

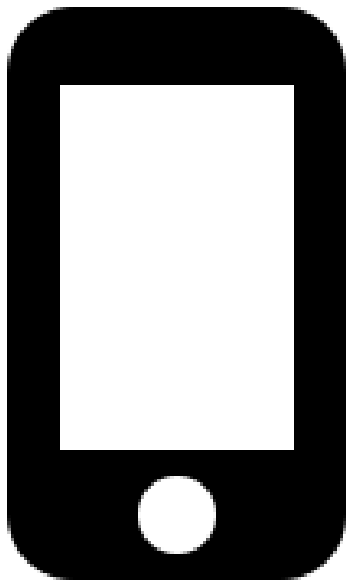
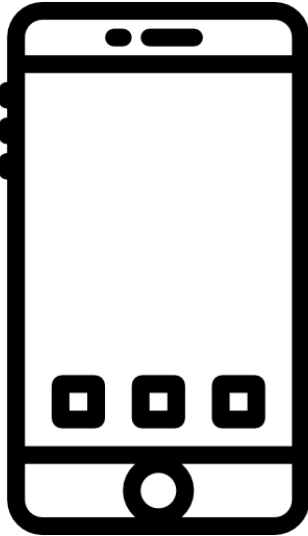


Decoded Message:
THE NUMBER OF TEXT MESSAGES SENT A RECEIVED
IN ONE DAY IS MORE THAN THE TOTAL
POPULATION OF THE PLANET

Morse Code Puzzle

Name: _____KEY_____

Morse code transmits text information. The recipient can understand the message without additional decoding equipment. Dits refer to dots. Dahs refer to dashes. These dits/dots and dahs/dashes provide the code.



· _ · _ · · _ _ _ _ · · · /
· · · · · · _ · _ · · · · · / _ _ _ _
· · _ · / _ · · · · · · / · _ _ · ·
_ _ _ · _ _ · · _ · · · / _ _ _ _ _
/ · · _ · · · · · / · · · · ·
· · · _ · / _ · · · · · · · _ · /
_ _ · _ _ · · / · _ / · _ _ ·
· · · · _ _ _ _ _ · · / _ · _ · · _
· · · · ·
· _ · · · · ·
· _ · · · · ·

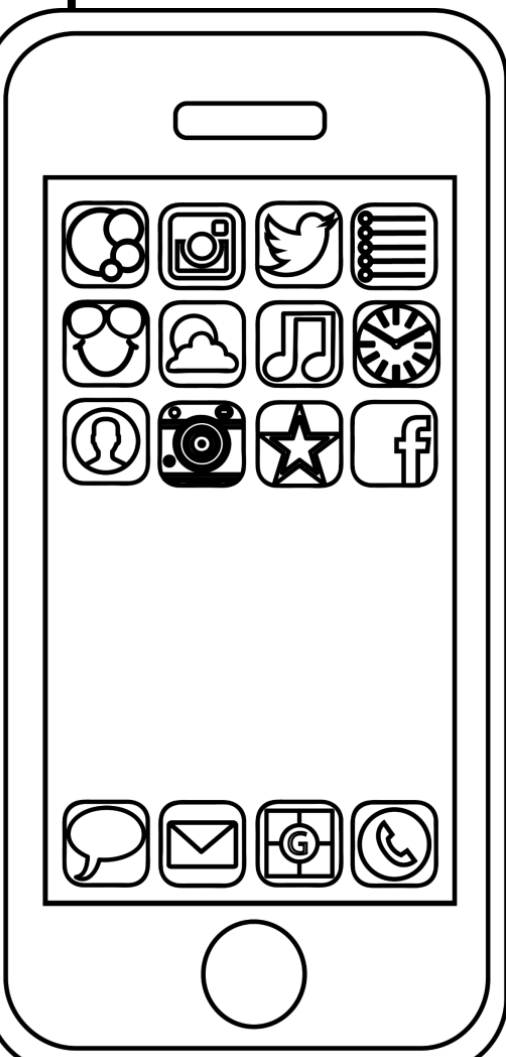
Decoded Message:
**ALMOST HALF OF THE PEOPLE ON EARTH
HAVE NEVER MADE A PHONE CALL**

Morse Code Puzzle

Name: ___KEY_____

Morse code transmits text information. The recipient can understand the message without additional decoding equipment. Dits refer to dots. Dahs refer to dashes. These dits/dots and dahs/dashes provide the code.

· _ ··· / _ _ _ · · · / _ ··· · · ·
/ _ · _ _ · · · _ · _ _ · _ · _ _ / _ ··· ·
· _ · · / · _ · · · / _ · _ · · · _ ·
· _ · · _ · _ · · · _ · _ _ / · _ _ _
_ _ ··· / _ ··· · · · _ · · · _ · _ _
· / _ · · · · · _ · · _ · · · · · / _
· · · · _ _ / · _ · _ · · / _ · _ · _ _
· _ · · _ · _ · _ · _ · _ · · / _ _ _ · _ /
· _ · · · _ · · · _ · _ · _ · · / _ _ _ /
_ ··· · / · · _ · · · _ · _ · _ /
· _ · _ · · / _ ··· · / · · · · · /
_ _ · · · / _ ··· · · / · · _ · _ ·



Decoded Message:
AS OF THIS YEAR, THERE ARE CURRENTLY 17
BILLION DEVICES THAT ARE CONNECTED OR
RELATED TO THE INTERNET AND THE USE OF THE
INTERNET