# Caesar Cipher

The Caesar cipher *(or Caesar code)* is a **monoalphabetic substitution** cipher, where each letter is replaced by another letter located a little further in the alphabet *(therefore shifted but always the same for given cipher message).*

The shift distance is chosen by a number called the offset, which can be right *(A to B)* or left *(B to A)*.

For every shift to the right *(of +N*), there is an equivalent shift to the left *(of 26-N)* because the alphabet rotates on itself, the Caesar code is therefore sometimes called a **rotation cipher**.

One clue: ‘e’ is the most common character in English language.

**Puzzle #1 (ROT**  **10)**

Encrypted: Dro cdboxqdr yp dro dokw sc okmr sxnsfsnekv wowlob. Dro cdboxqdr yp okmr wowlob sc dro dokw.

Answer:

**Puzzle #2 (ROT**  **14)**

Encrypted: Hvs psgh hsoakcfy qcasg tfca asb kvc ofs kcfywbu wbrsdsbrsbhzm hckofr cbs ucoz wb ibwgcb.

Answer:

**Puzzle #3 (ROT**  **12)**

Encrypted: Ftq zuoqef ftuzs mnagf fqmyiadw ue ftmf kag mximke tmhq aftqde az kagd eupq.

Answer:

**Puzzle #4 (ROT**  **16)**

Encrypted: Yv oek sqd bqkwx jewujxuh, oek sqd meha jewujxuh.

Answer:

**PigPen Cipher**

What is the PigPen cipher? The Pig Pen Cipher, also known as the Freemason Cipher *(or masonic alphabet)*, is an encryption system that was historically used by some members of Freemasonry to protect their communications.

It is based on a special arrangement of letters in a grid *(cross or grid like*[*tic tac toe*](https://www.dcode.fr/tic-tac-toe-cipher)*)* in order to use 26 symbols to represent the letters of the alphabet by substitution.

A screenshot of a puzzle

AI-generated content may be incorrect.

PigPen Puzzle #1

char(77)   char(78)char(79)char(84)   char(84)char(72)char(69)   char(83)char(77)char(65)char(82)char(84)char(69)char(83)char(84)   char(70)char(69)char(76)char(76)char(79)char(87)   char(73)char(78)   char(84)char(72)char(69)   char(87)char(79)char(82)char(76)char(68)   char(66)char(85)char(84)   char(73)   char(83)char(85)char(82)char(69)   char(67)char(65)char(78)   char(80)char(73)char(67)char(75)   char(83)char(77)char(65)char(82)char(84)   char(67)char(79)char(76)char(76)char(69)char(65)char(71)char(85)char(69)char(83)



*Answer*:

**Puzzle #2**

char(83)char(79)   char(80)char(79)char(87)char(69)char(82)char(70)char(85)char(76)   char(73)char(83)   char(84)char(72)char(69)   char(76)char(73)char(71)char(72)char(84)   char(79)char(70)   char(85)char(78)char(73)char(84)char(89)   char(84)char(72)char(65)char(84)   char(73)char(84)   char(67)char(65)char(78)   char(73)char(76)char(76)char(85)char(77)char(73)char(78)char(65)char(84)char(69)   char(84)char(72)char(69)   char(87)char(72)char(79)char(76)char(69)   char(69)char(65)char(82)char(84)char(72)

*Answer*:

**Puzzle #3**

char(65)   char(84)char(69)char(65)char(77)   char(73)char(83)   char(77)char(79)char(82)char(69)   char(84)char(72)char(65)char(78)   char(65)   char(67)char(79)char(76)char(76)char(69)char(67)char(84)char(73)char(79)char(78)   char(79)char(70)   char(80)char(69)char(79)char(80)char(76)char(69)   char(73)char(84)   char(73)char(83)   char(65)   char(80)char(82)char(79)char(67)char(69)char(83)char(83)   char(79)char(70)   char(71)char(73)char(86)char(69)   char(65)char(78)char(68)   char(84)char(65)char(75)char(69)

*Answer:*

**Puzzle #4**

char(78)char(79)char(78)char(69)   char(79)char(70)   char(85)char(83)   char(73)char(83)   char(65)char(83)   char(83)char(77)char(65)char(82)char(84)   char(65)char(83)   char(65)char(76)char(76)   char(79)char(70)   char(85)char(83)

*Answer:*