WORLD
MATHEMATICS

## CAESAR SHIFT

Encrypt by shifting the letters by a certain key number around the alphabet.

ATBASH
Letters are the alphabet in reverse

DANCING MEN (Sherlock Holmes)

| A | B | C | D | E | F | G | H | I | J | K | L | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{8}$ | $\delta^{8}$ | $\begin{aligned} & \& 8 \\ & \Omega \end{aligned}$ | \% | $\chi^{\circ}$ | $4^{\circ}$ | Y | $\psi^{P}$ | $44^{P}$ | 58 | $8^{P}$ | \%8 | ${ }_{5}^{5}$ |
| N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z |
| $8_{8}^{88}$ | $5^{\circ}$ | $\chi^{\circ}$ | $\$^{¢}$ | $\mathscr{H}$ | $\begin{gathered} 40^{\circ} \\ \Omega \end{gathered}$ | \% | 35 | $H^{5}$ | $\delta^{\circ}$ | 35 | $\overbrace{}^{\text {P }}$ | \%ु |
| a | b | C | d | e | f | g | h | i | j | k | I | m |
| $\mathbb{K}_{2}$ | $\mathcal{R}$ | 5 | K | $\mathcal{X}$ | $4$ | Y | $\Psi$ | 4 | 5 | 8 | 5 | 5 |
| n | 0 | p | q | r | s | t | u | v | W | X | y | z |
| 8 | s" | $\mathcal{1}$ | $\oint$ | $\mathcal{F}$ | $\begin{aligned} & 19 \\ & 52 \end{aligned}$ | $X$ | 38 | 4 | $j$ | 38 | 5 | 25 |

https://www.dcode.fr/dancing-men-cipher\#1r

## BRAILLE (Grade 1)



## PHONETIC ALPHABET

| A - ALPHA | N - NOVEMBER |
| :--- | :--- |
| B - BRAVO | O - OSCAR |
| C - CHARLIE | P - PAPA |
| D - DELTA | Q - QUEBEC |
| E - ECHO | R - ROME0 |
| F - FOXTROT | S - SIERRA |
| G - GOLF | T - TANGO |
| H - HOTEL | U - UNIFORM |
| I - INDIA | V - VICTOR |
| J - JULIET | W - WHISKEY |
| K - KILO | X - X-RAY |
| L - LIMA | Y - YANKEE |
| M - MIKE | Z - ZULU |

https://spauldinggro_com/a-skill-worth-learning-the-phonetic-alphabet/phonetic-alphabet/ https://cryptii.com/pipes/nato-phonetic-alphabet

## MORSE CODE

The International standard in visual communication


HANDPHONE (multi-tap) KEYPAD

https://www.dcode.fr/multitap-abc-cipher

## PIGPEN

Each letter is in a cell of a 9 by 9 grid (or with a dot) or a 2 by 2 grid (or with a dot)


