



	Decimal	Letter	Ternary	Binary	NATO radio	Morse	Braille	Semaphore
1	A	001	00001	Alpha	•■	⠠	↖↗	
2	B	002	00010	Bravo	■••	⠠	↖↗↘	
3	C	010	00011	Charlie	■•■	⠠	↖↗↘↙	
4	D	011	00100	Delta	■••	⠠	↖↗↘↙↘	
5	E	012	00101	Echo	•	⠠	↖↗↘↙↘↙	
6	F	020	00110	Foxtrot	••■	⠠	↖↗↘↙↘↙↘	
7	G	021	00111	Golf	■•■	⠠	↖↗↘↙↘↙↘↙	
8	H	022	01000	Hotel	•••	⠠	↖↗↘↙↘↙↘↙↘	
9	I	100	01001	India	••	⠠	↖↗↘↙↘↙↘↙↘↙	
10	J	101	01010	Juliet	•■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
11	K	102	01011	Kilo	■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
12	L	110	01100	Lima	•••	⠠	↖↗↘↙↘↙↘↙↘↙↘	
13	M	111	01101	Mike	■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
14	N	112	01110	November	■•	⠠	↖↗↘↙↘↙↘↙↘↙↘	
15	O	120	01111	Oscar	■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
16	P	121	10000	Papa	•■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
17	Q	122	10001	Quebec	■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
18	R	200	10010	Romeo	•••	⠠	↖↗↘↙↘↙↘↙↘↙↘	
19	S	201	10011	Sierra	•••	⠠	↖↗↘↙↘↙↘↙↘↙↘	
20	T	202	10100	Tango	■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
21	U	210	10101	Uniform	••■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
22	V	211	10110	Victor	•••■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
23	W	212	10111	Whiskey	••■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
24	X	220	11000	Xray	■••■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
25	Y	221	11001	Yankee	■•■	⠠	↖↗↘↙↘↙↘↙↘↙↘	
26	Z	222	11010	Zulu	■••	⠠	↖↗↘↙↘↙↘↙↘↙↘	

Binary and Ternary are numeral systems that use only the digits {0, 1} or {0, 1, 2}. For example, "fourteen" = $1 \times 10^1 + 4 \times 10^0$
 $= 1 \times 10 + 4 \times 1$

(decimal) = 14_{10}
 $= 1 \times 3^2 + 1 \times 3^1 + 2 \times 3^0$
 $= 1 \times 9 + 1 \times 3 + 2 \times 1$

(ternary) = 112_3
 $= 1 \times 2^3 + 1 \times 2^2 + 1 \times 2^1 + 0 \times 2^0$
 $= 1 \times 8 + 1 \times 4 + 1 \times 2 + 0 \times 1$

(binary) = 1110_2

