

Here's how to determine which segments should light up for each number:

Number	Segments Lit (ABCDEFG)	PORTD (Binary)	PORTD (Hex)
0	A, B, C, D, E, F	0b00111111	0x3F
1	B, C	0b00000110	0x06
2	A, B, D, E, G	0b01011011	0x5B
3	A, B, C, D, G	0b01001111	0x4F
4	B, C, F, G	0b01100110	0x66
5	A, C, D, F, G	0b01101101	0x6D
6	A, C, D, E, F, G	0b01111101	0x7D
7	A, B, C	0b00000111	0x07
8	A, B, C, D, E, F, G	0b01111111	0x7F
9	A, B, C, D, F, G	0b01101111	0x6F

A	abc_efg	0b01110111	0x77
B	_bcd_fg	0b01111110	0x7E
C	ab__fg	0b00111101	0x3D
D	_bcd_fg	0b01011110	0x5E
E	ab_defg	0b01111001	0x79
F	ab__efg	0L ↓ 10001	0x71

