

1	2	3	4	5	6	7
2						
3						
4						
5						
6						

#### Horizontal win

- Row is the same
- Row 1 col 1 + row 1 col 2 + row 1 col 3 + row 1 col 4
- Looking for at least 4 counters with the same row and consecutive column numbers

#### Vertical win

- Col is the same
- Row 1 col 1 + row 2 col 1 + row 3 col 1 + row 4 col 1
- Looking for at least 4 counters with the same col and consecutive row numbers

#### Diagonal win (\ - 135°)

- Row 1 col 1 + row 2 col 2 + row 3 col 3 + row 4 col 4
- Looking for at least 4 counters with the same row and col number for 4 consecutive counters

#### Diagonal win (/ - 45°)

- Row 6 col 1 + row 5 col 2 + row 4 col 3 + row 3 col 4
- Looking for at least 4 consecutive counters with the same row + col value