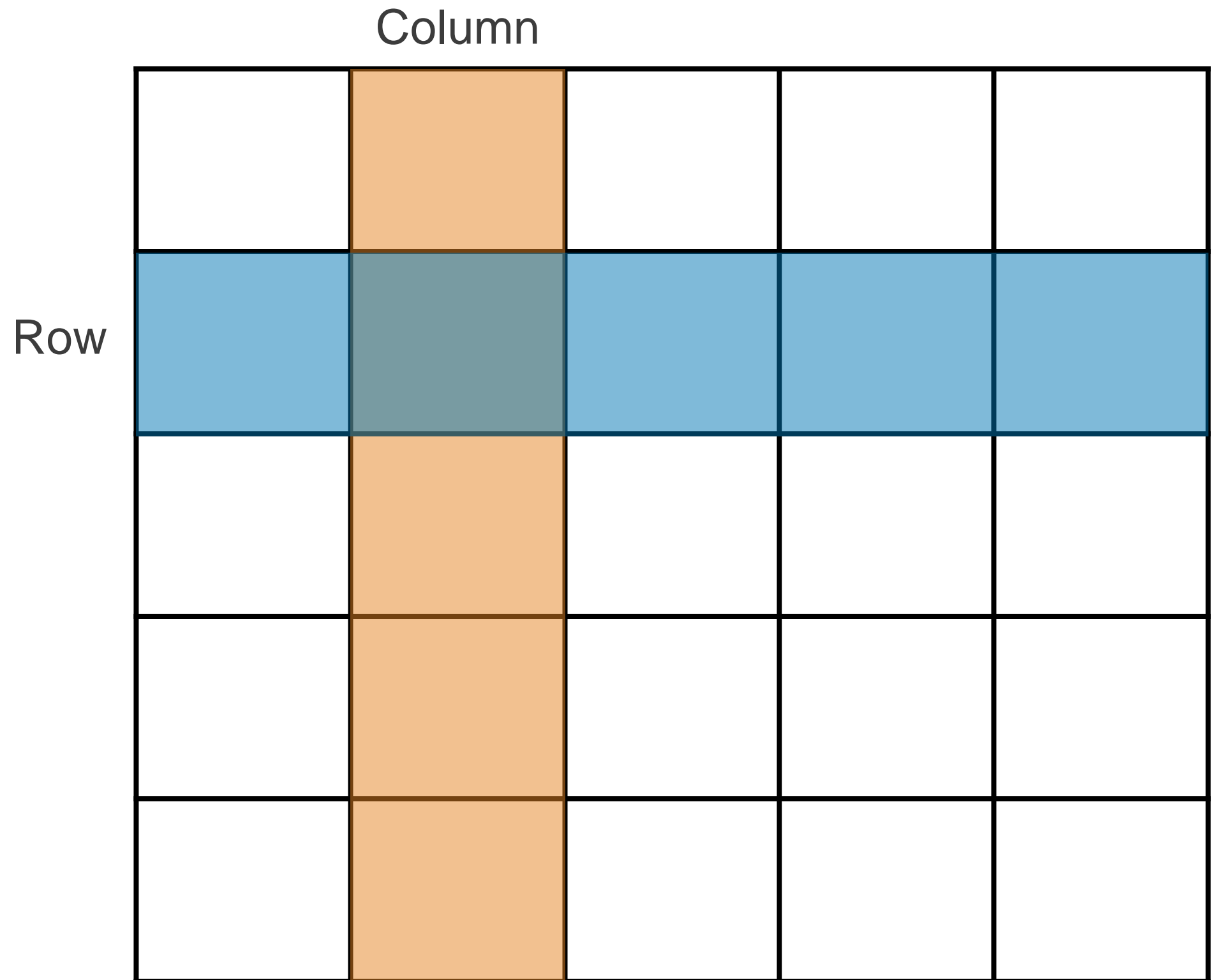


CSS Grid Terminology

Grid

Any element with its display property set to grid.

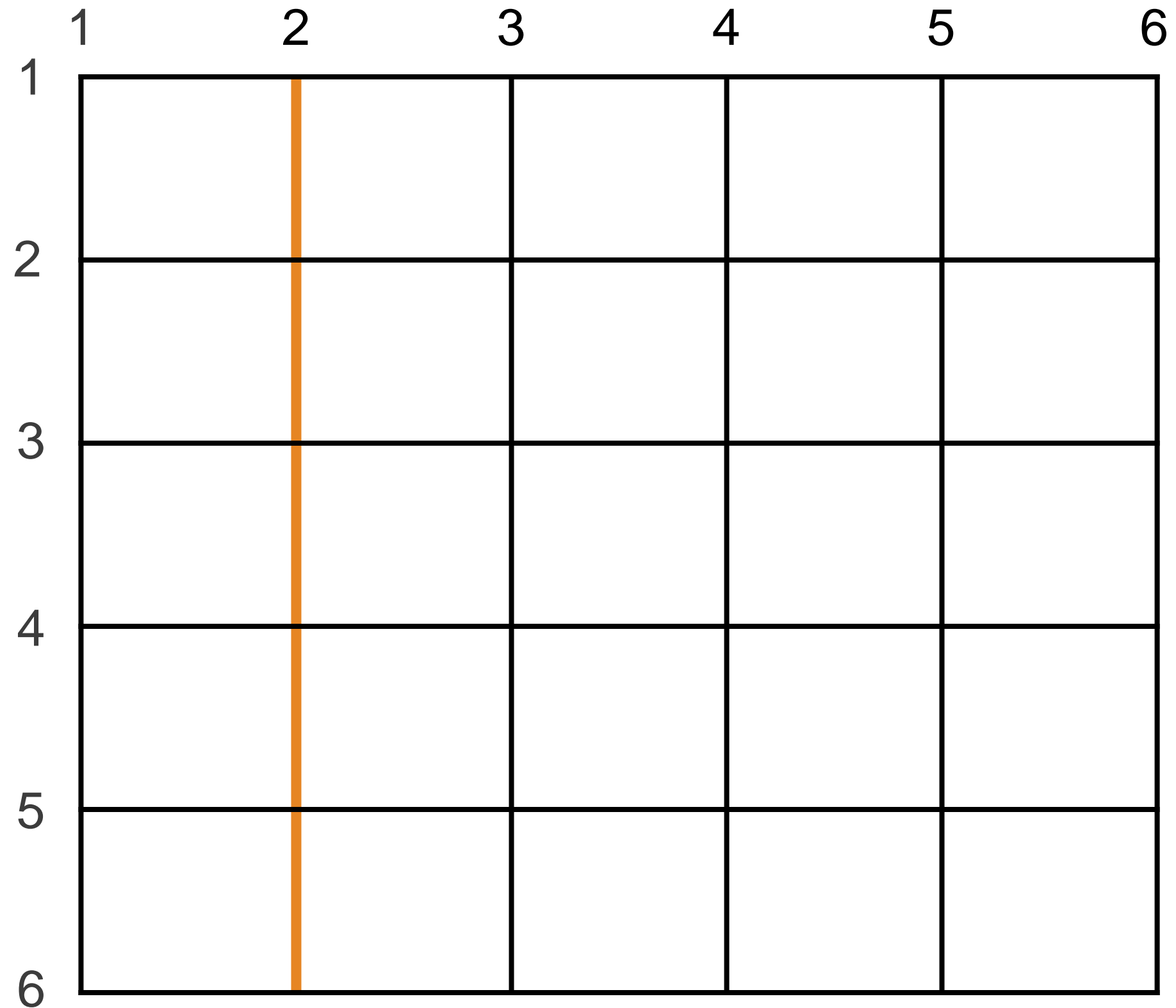
Grids have Rows and Columns.



Grid Line

The horizontal and vertical lines that make up the grid.

Highlighted is column line 2.



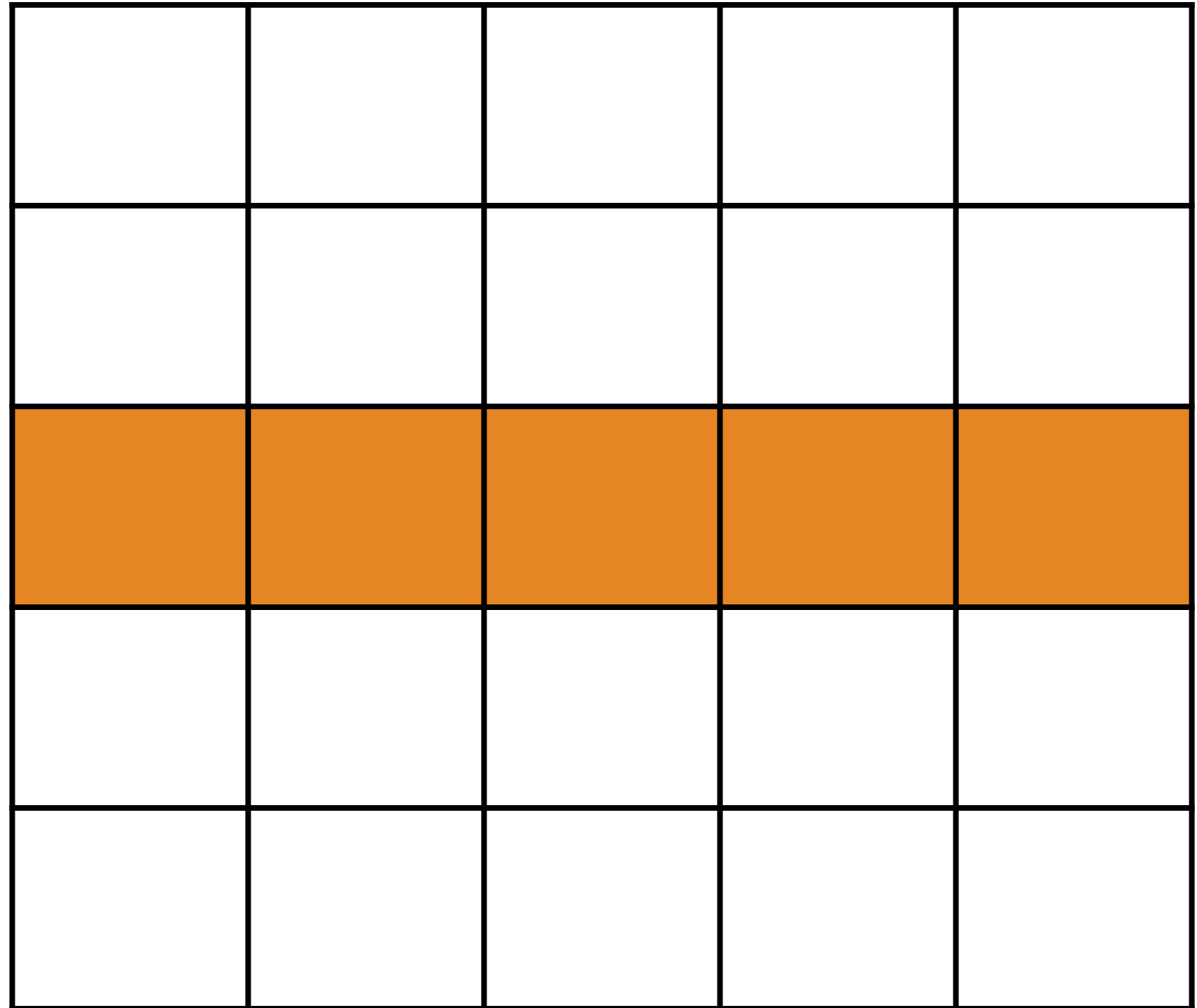
Grid Line

Grid Track

The space between two grid lines, horizontal or vertical.

Highlighted is the Grid Track between row lines 3 and 4.

Grid
track



Grid Cell

The space between
four grid lines.

Highlighted is the Grid
Cell between row
lines 3 and 4, and
column lines 2 and 3.

	Grid cell			

Grid Area

The area between
four grid lines.

Highlighted is the Grid
Area between row
lines 2 and 4, column
lines 3 and 6.

Grid
Area

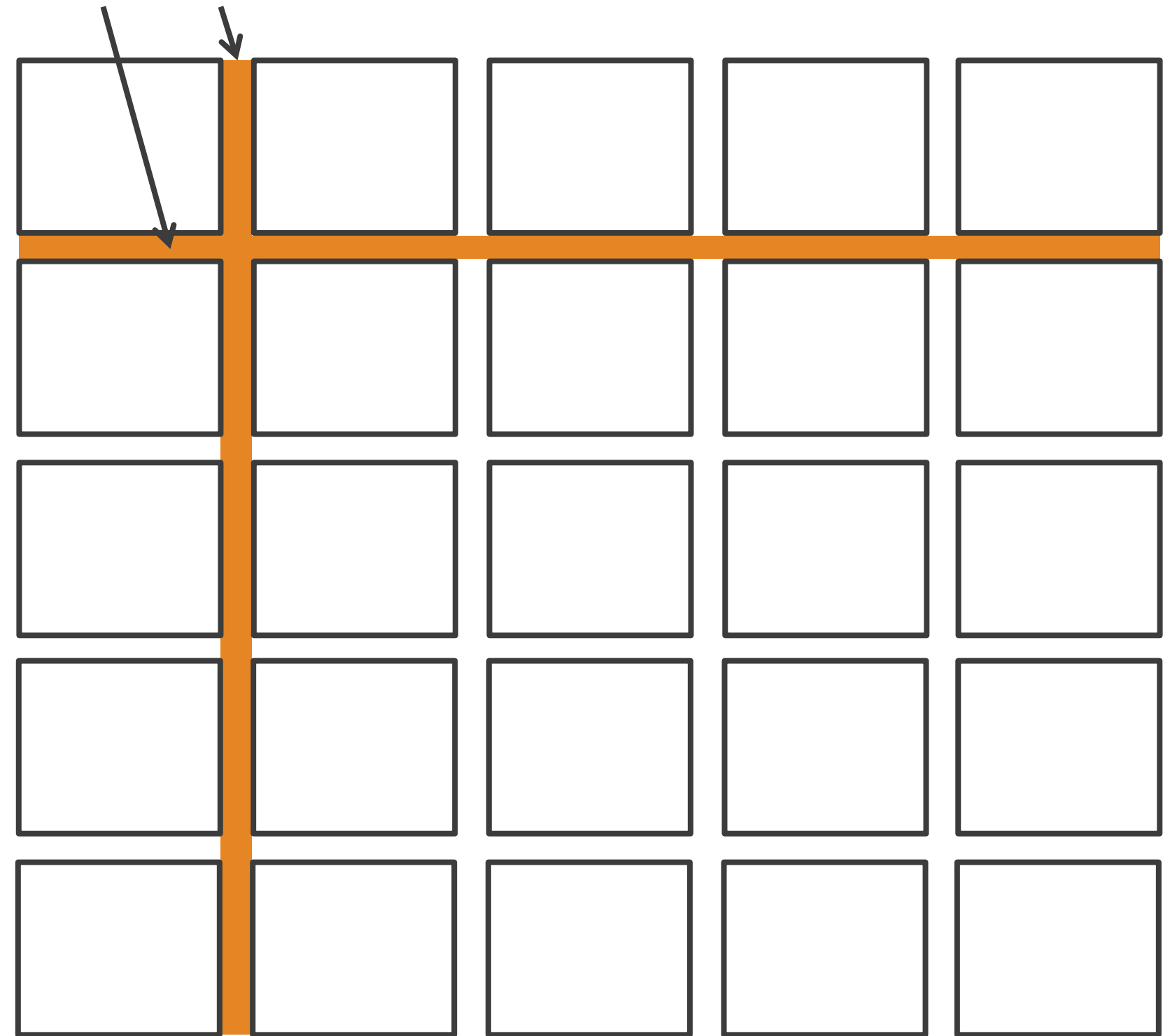
Grid Gutters

The defined space between rows and columns.

NB!

Upcoming feature not currently supported in browsers.

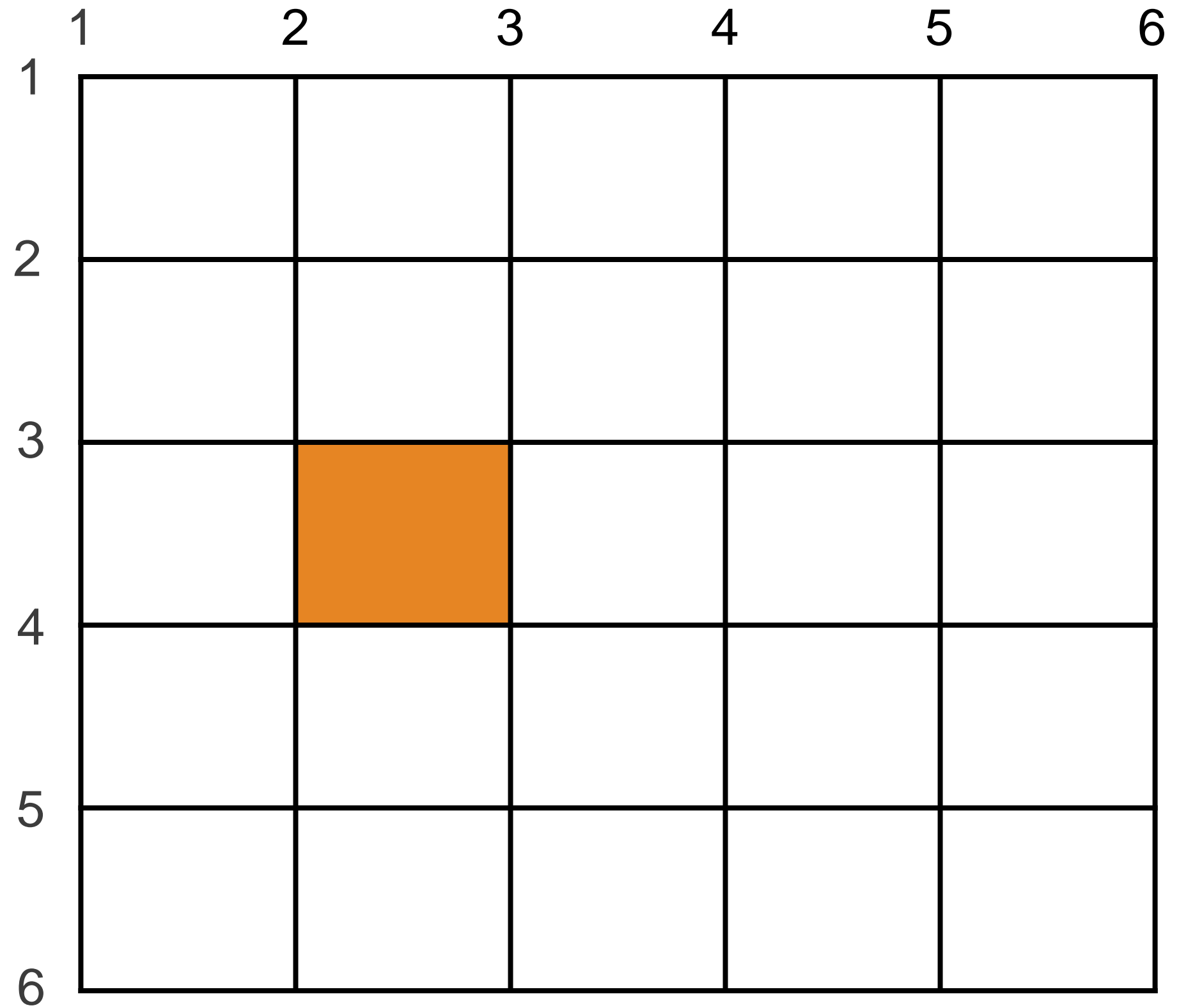
Grid Gutters



Positioning Content

Start at column line 2,
end at column line 3.

Start at row line 3
and end at row line 4.



grid-column-start: 2;
grid-column-end: 3;

grid-row-start: 3;
grid-row-end: 4;

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

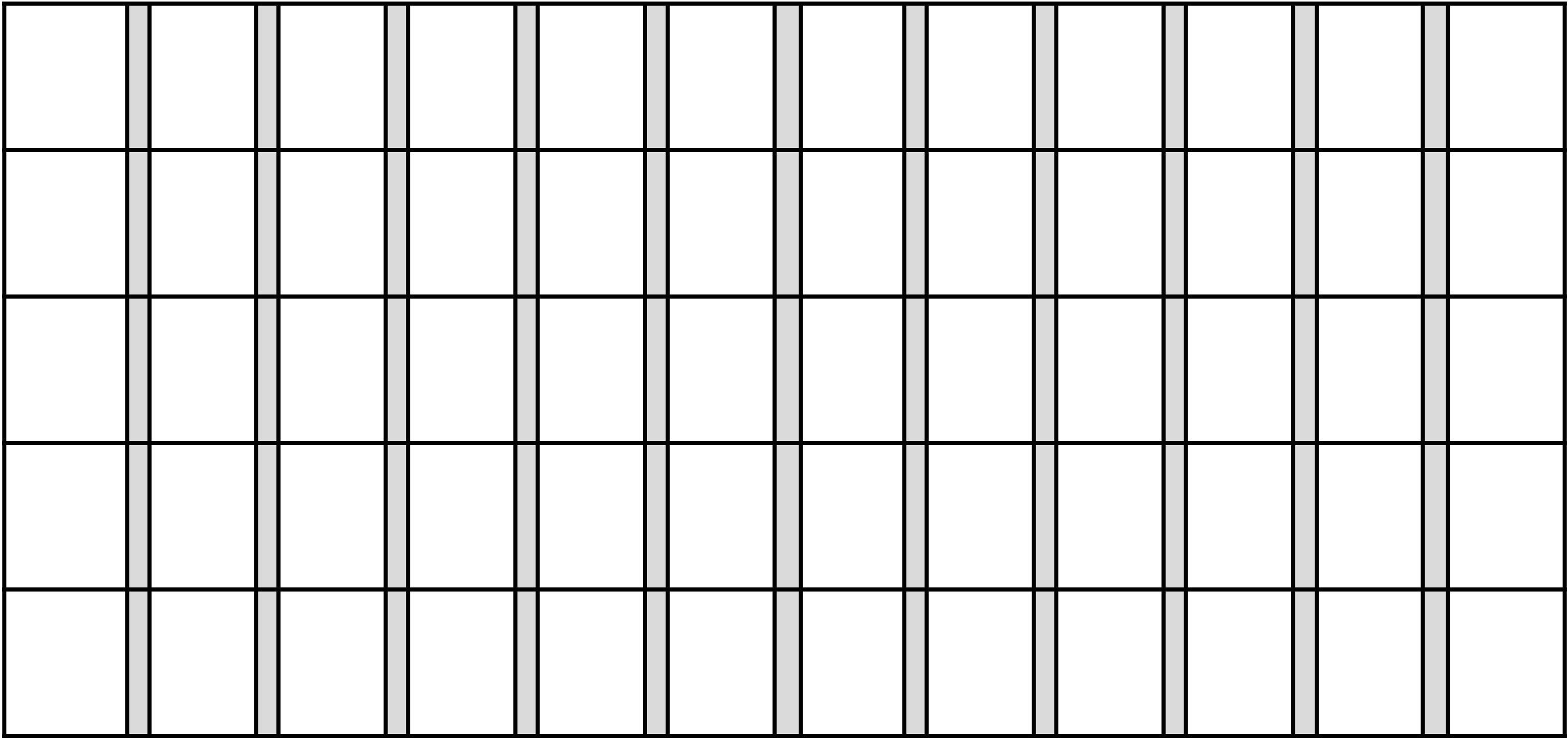
grid-column: 2 / 3;

grid-row: 3 / 4;

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

Math to the Rescue

12 main columns + 11 gutters = 23 grid lines



12 Column Grid + Gutters

```
grid-template-columns: 1fr 10px 1fr 10px 1fr 10px 1fr 10px  
1fr 10px 1fr 10px 1fr 10px 1fr 10px 1fr 10px 1fr 10px 1fr  
10px 1fr;
```

Repeat Keyword

```
grid-template-columns: 1fr repeat(11, 10px 1fr);
```

Number of repetitions

Pattern to be repeated

Gutters

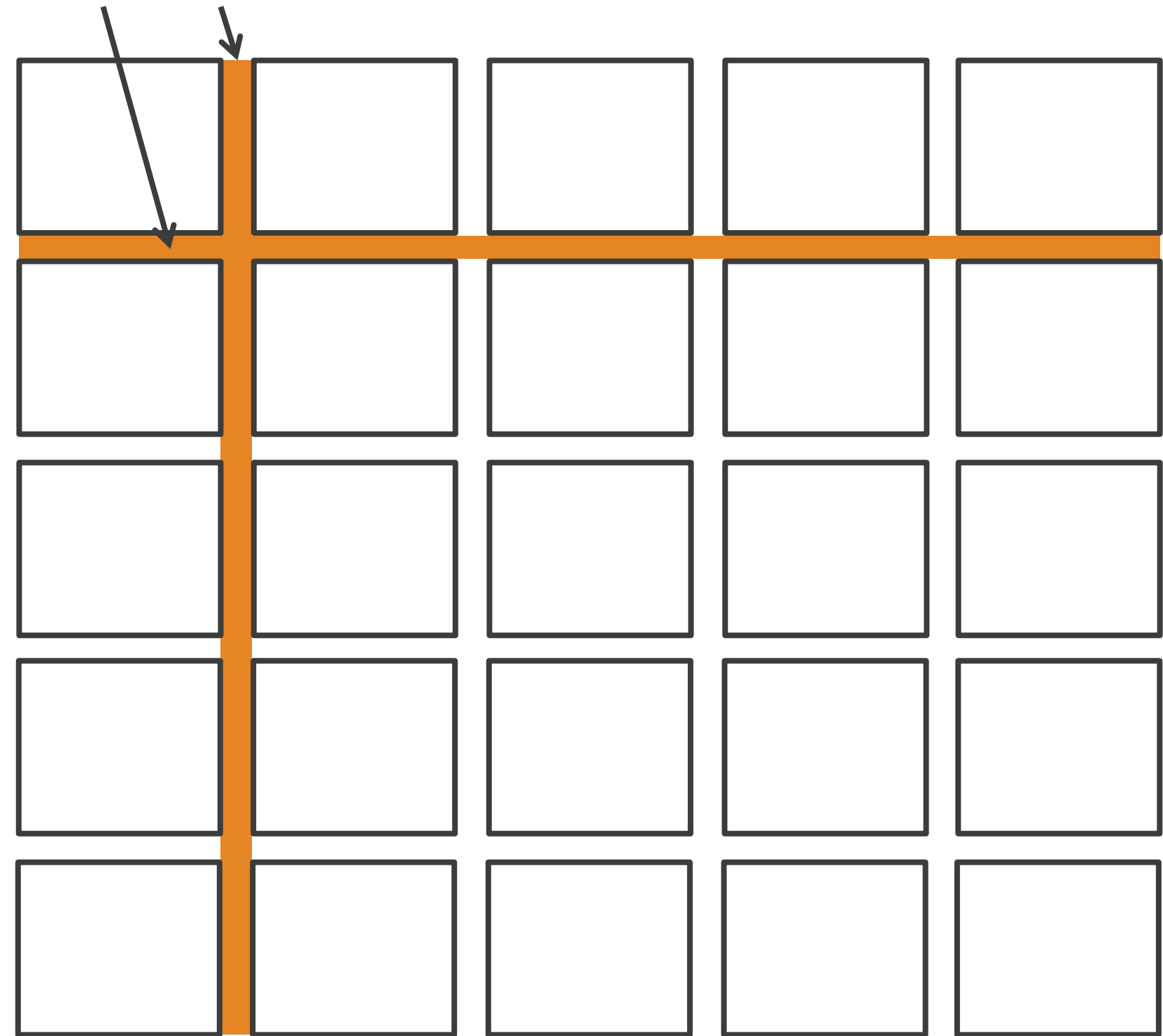
Grid Gutters

The defined space between rows and columns.

NB!

Upcoming feature not currently supported in browsers.

Grid Gutters

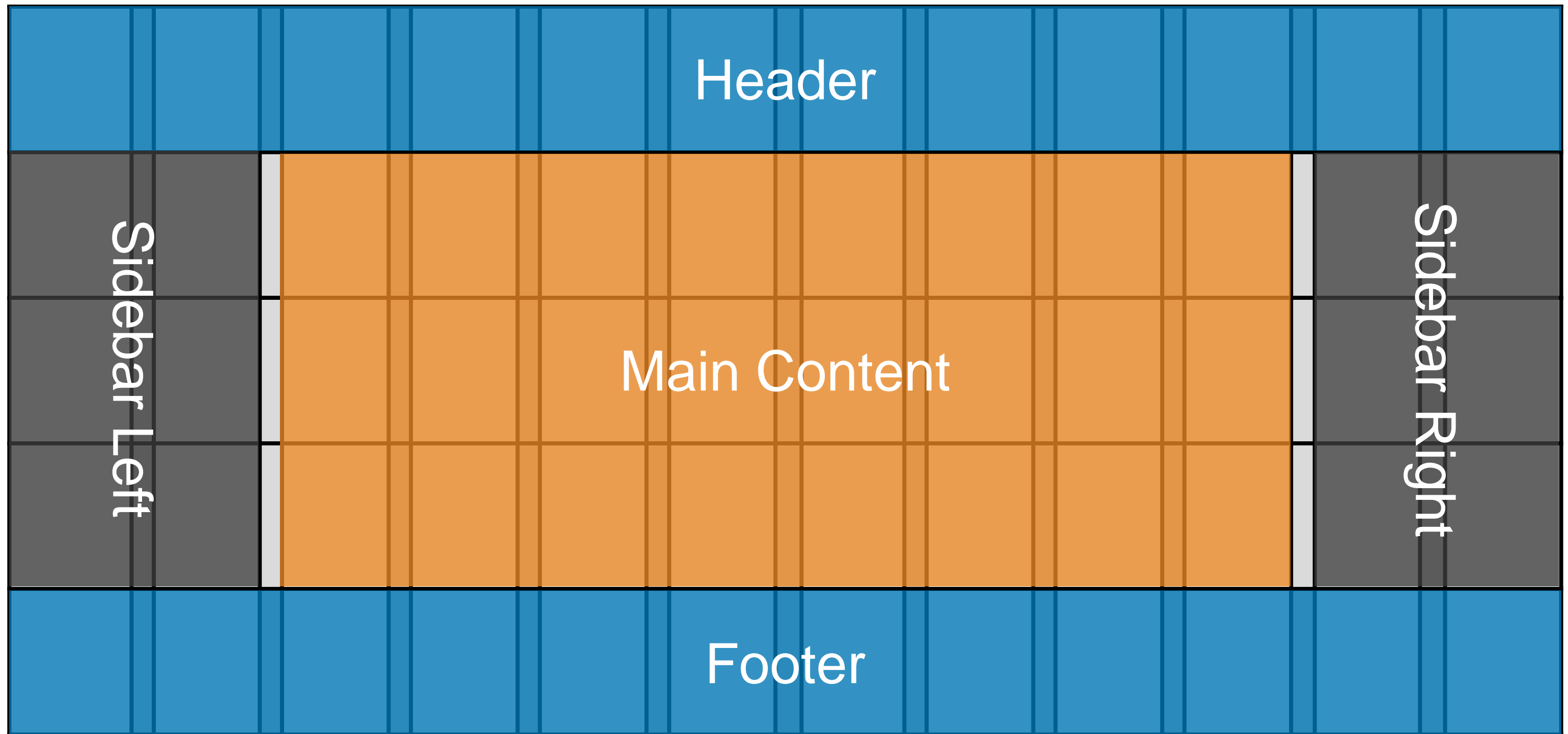


Gutters

```
grid-column-gap: 10px;  
grid-row-gap: 10px;
```

Named Lines

12 main columns + 11 gutters = 23 grid lines



[illegible]

Named Lines

grid-template-columns: [sidebar-start] 1fr [sidebar-end];

Name of start line

Name of end line

Named Lines

```
grid-column: sidebar-start / sidebar-end;
```

Grid Template Areas

Template Areas

```
grid-template-columns: 1fr repeat(3, 10px 1fr);
```

```
grid-template-rows: auto;
```

```
grid-template-areas:
```

```
“header header header header header header header”
```

```
“sidebarleft . content content content . sidebarright”
```

```
“footer footer footer footer footer footer footer”
```

Grid Area

grid-area: 1 / 1 / 3 / 3;

The diagram illustrates the mapping of the values in the `grid-area: 1 / 1 / 3 / 3;` declaration to their respective grid indices. It features four vertical lines, each corresponding to one of the four values in the declaration. From left to right, the values are 1, 1, 3, and 3. Brackets connect these values to labels on the right: the first '1' is connected to 'Row start', the second '1' is connected to 'Column start', the third '3' is connected to 'Row end', and the fourth '3' is connected to 'Column end'.

- Row start
- Column start
- Row end
- Column end

Grid Area

`grid-area: content;`

