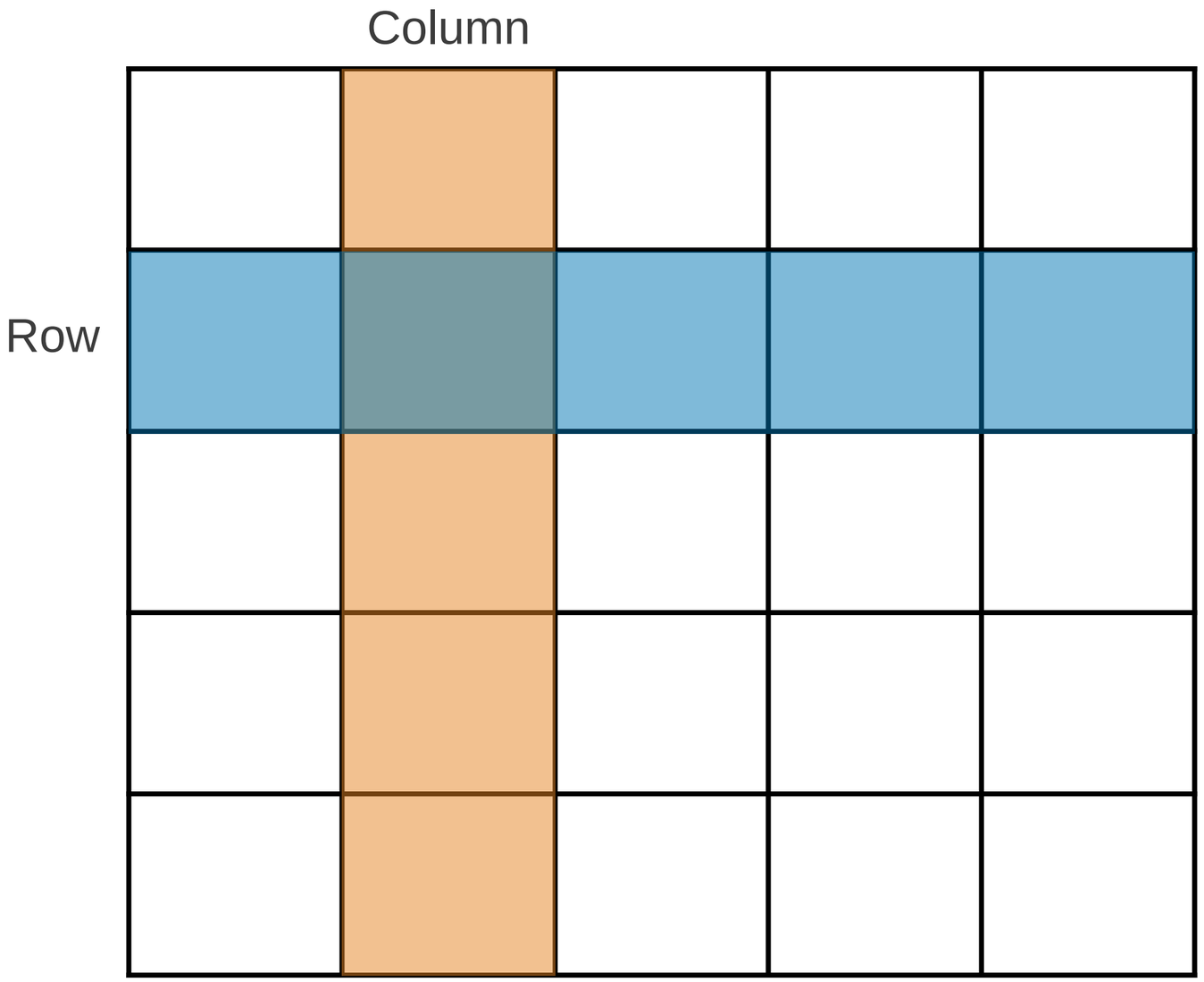
CSS Grid Terminology

Grid

Any element with its display property set to grid.

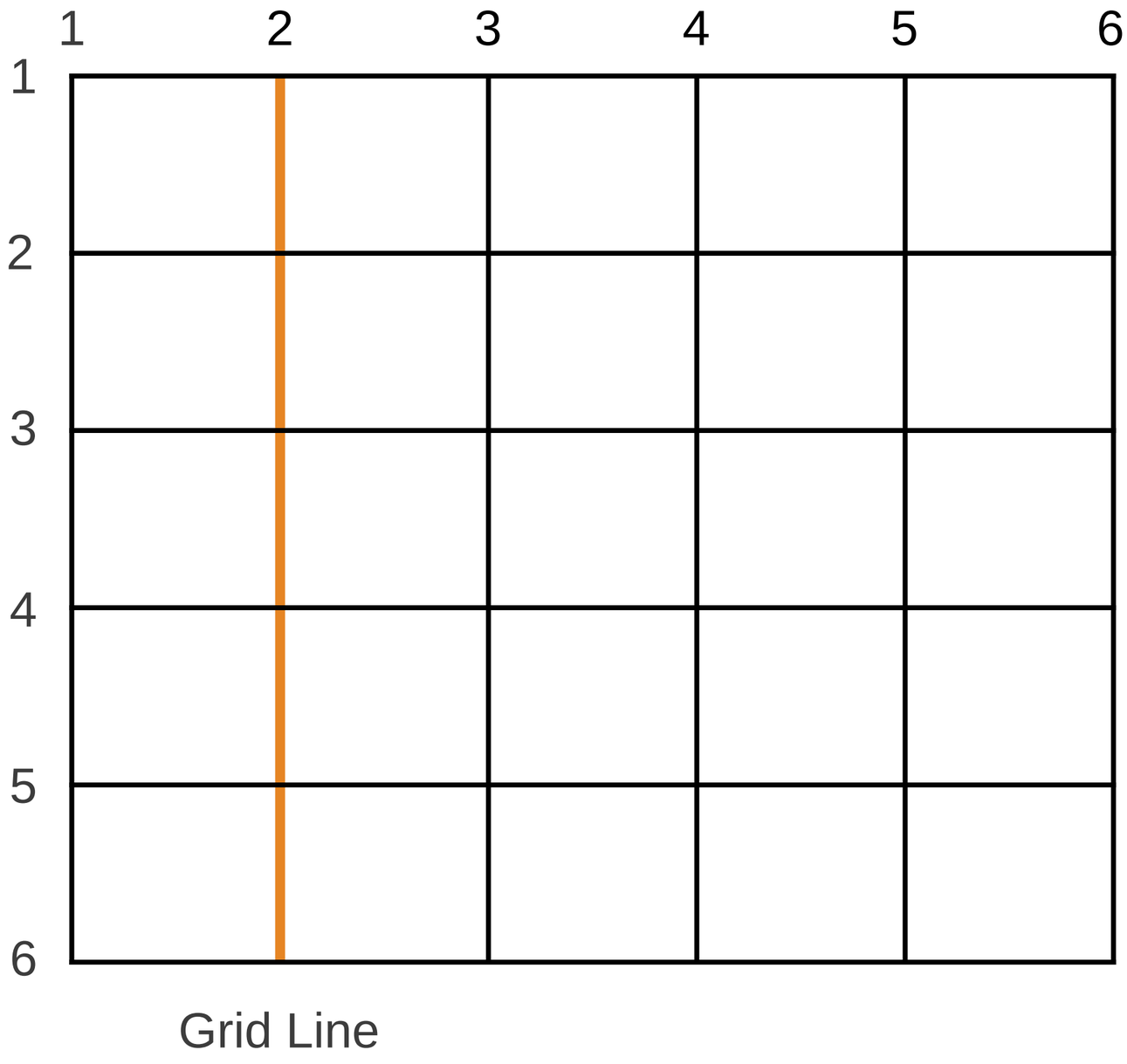
Grids have Rows and Columns.



Grid Line

The horizontal and vertical lines that make up the grid.

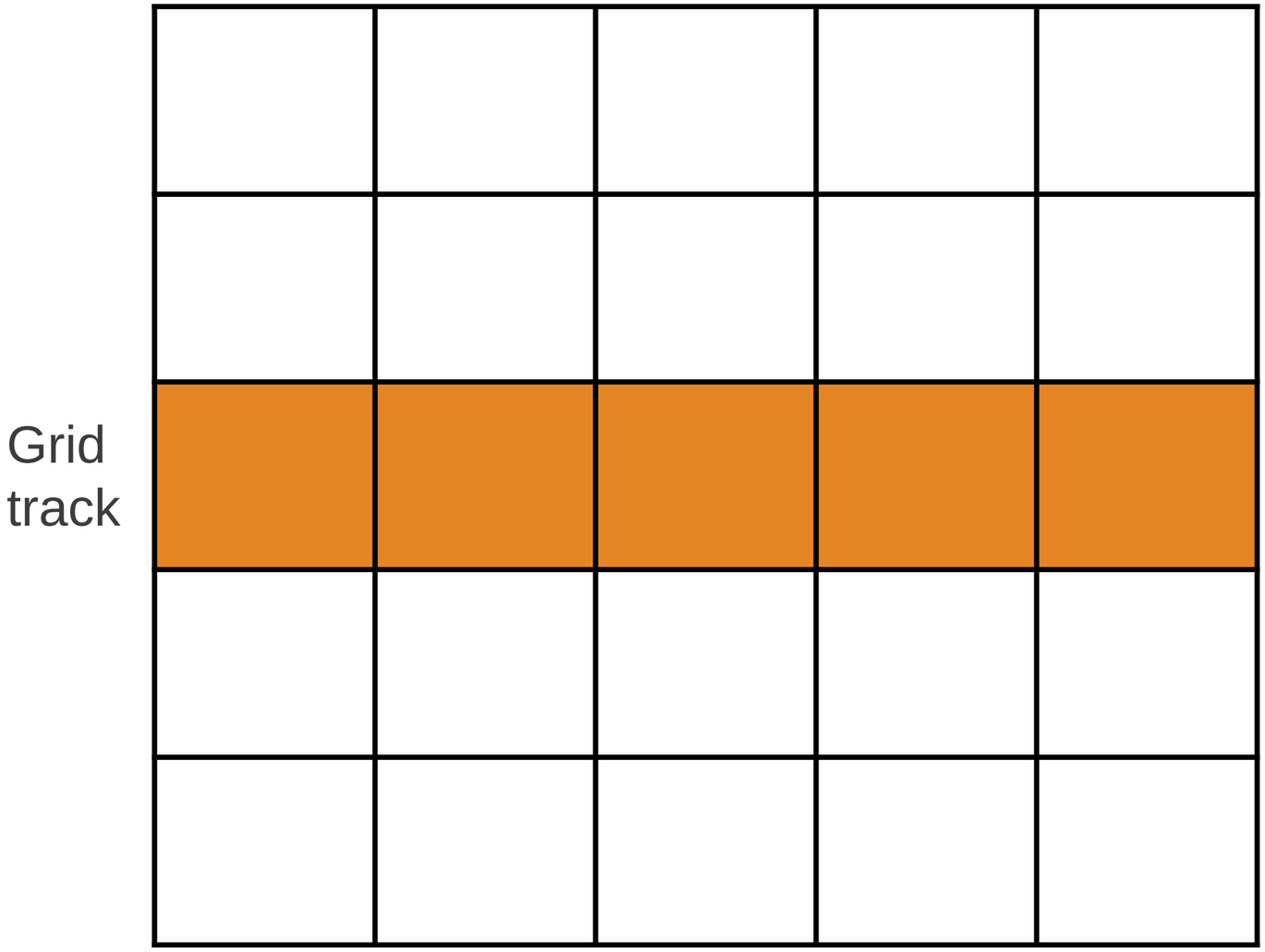
Highlighted is column line 2.



Grid Track

The space between two grid lines, horizontal or vertical.

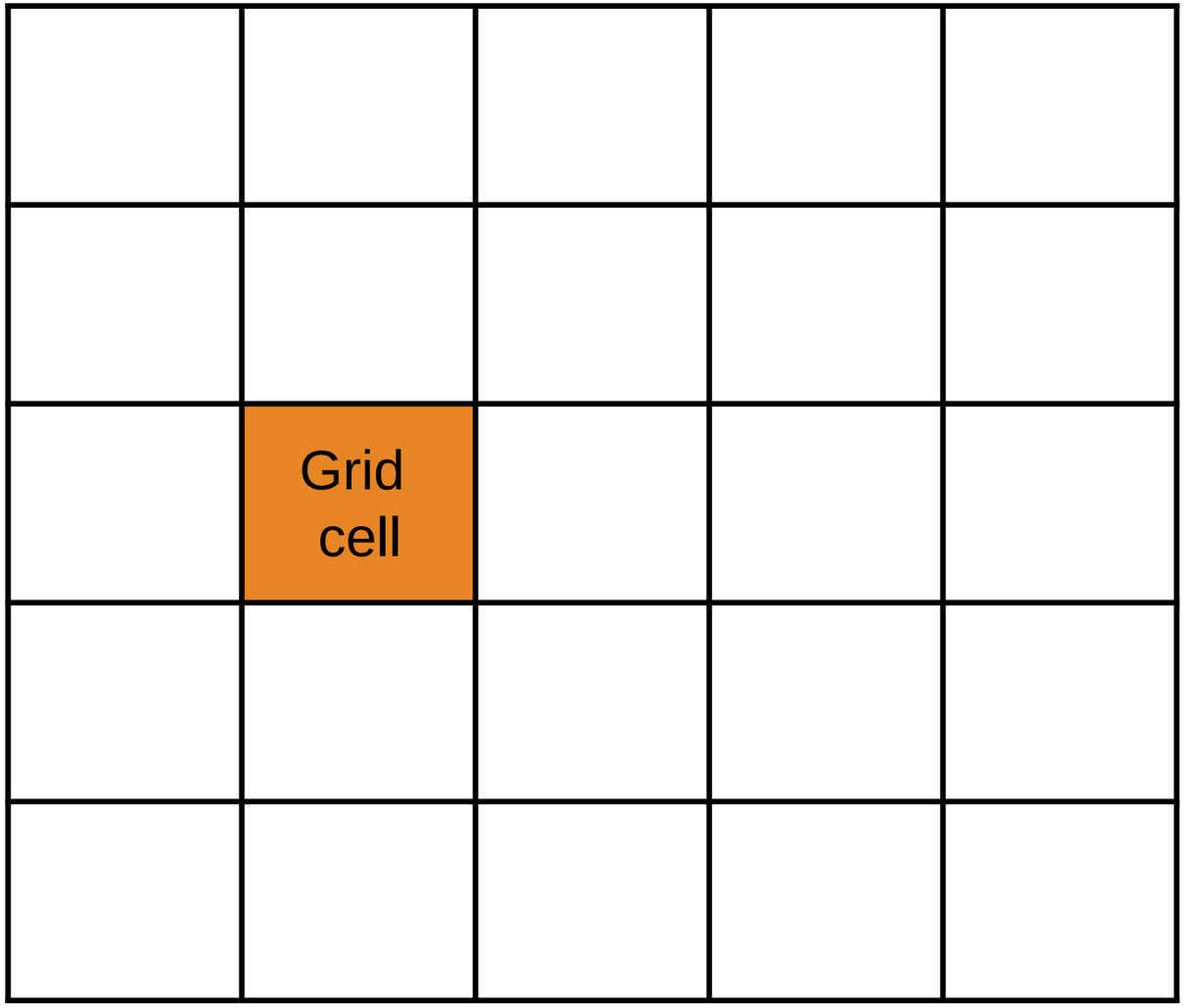
Highlighted is the Grid Track between row lines 3 and 4.



Grid Cell

The space between four grid lines.

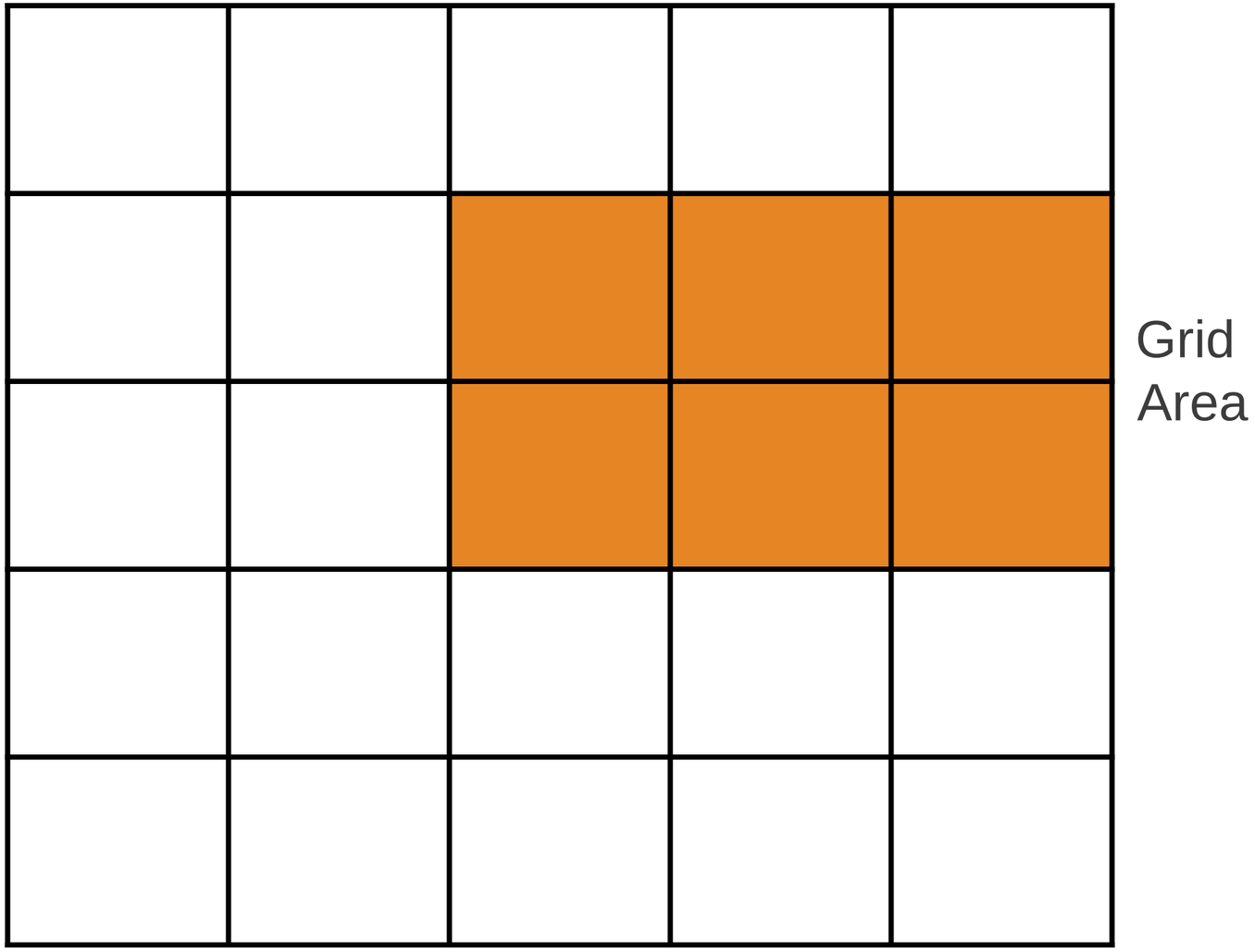
Highlighted is the Grid Cell between row lines 3 and 4, and column lines 2 and 3.



Grid Area

The area between four grid lines.

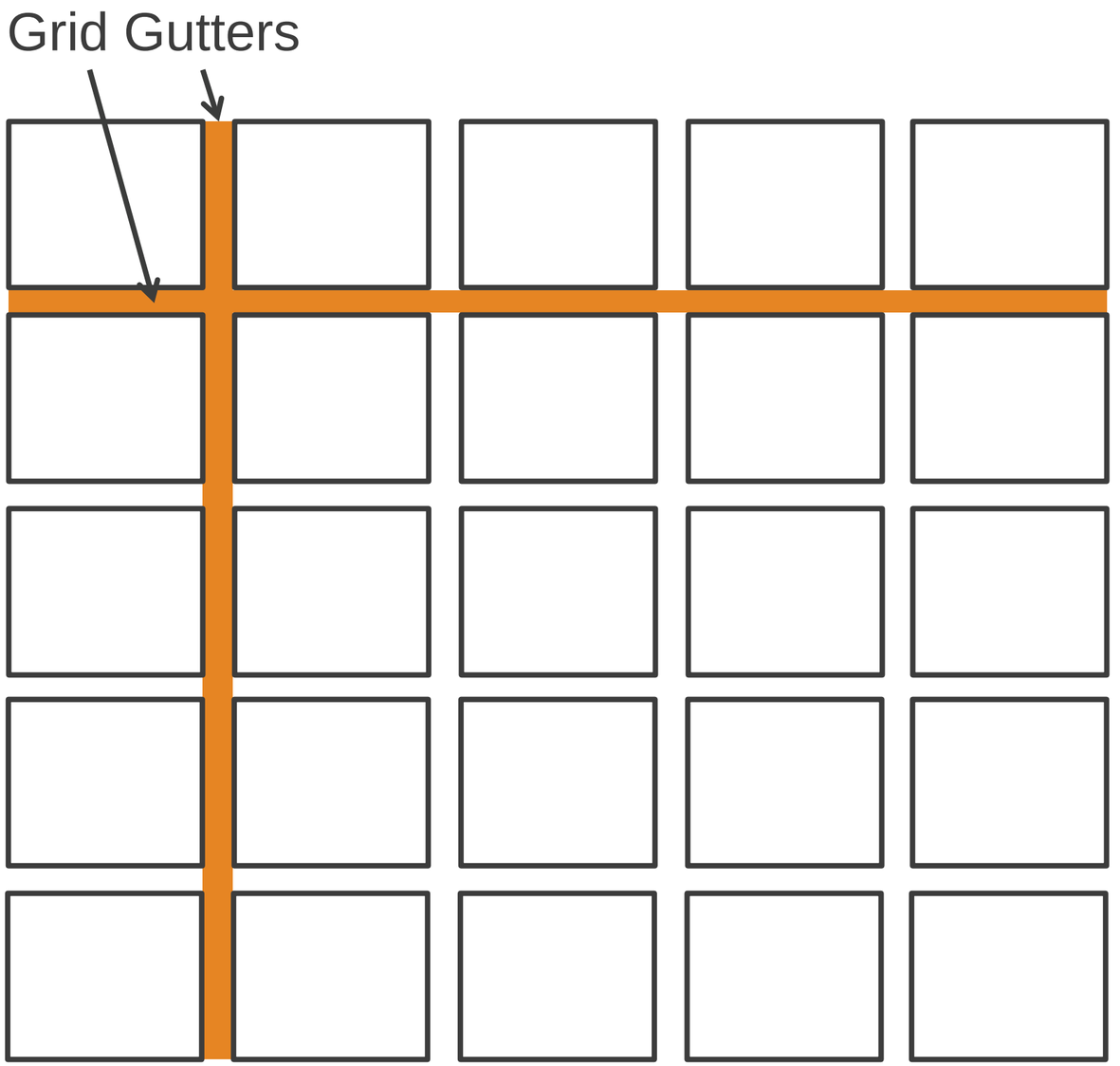
Highlighted is the Grid Area between row lines 2 and 4, column lines 3 and 6.



Grid Gutters

The defined space between rows and columns.

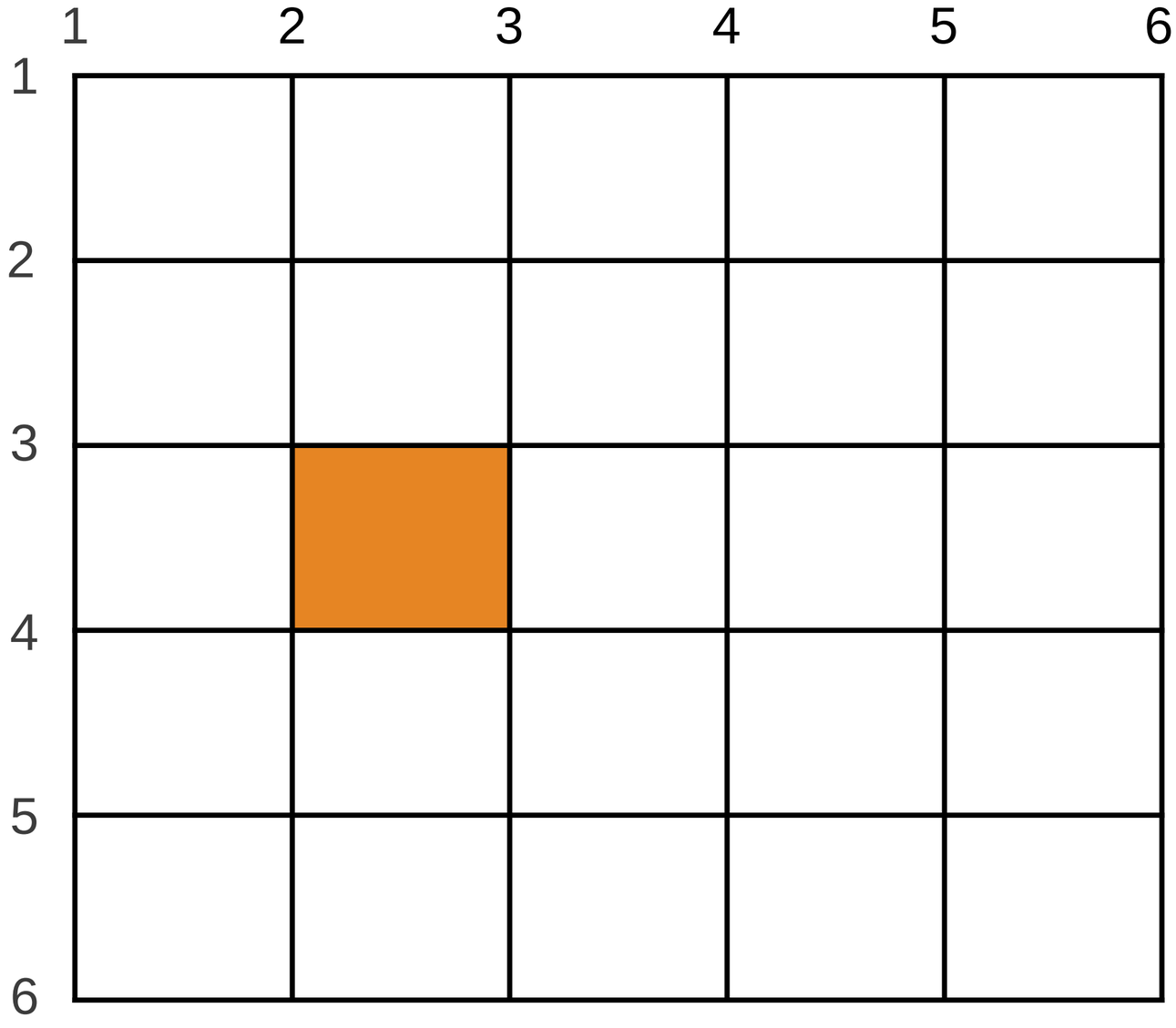
NB!
Upcoming feature not currently supported in browsers.



Positioning Content

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

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

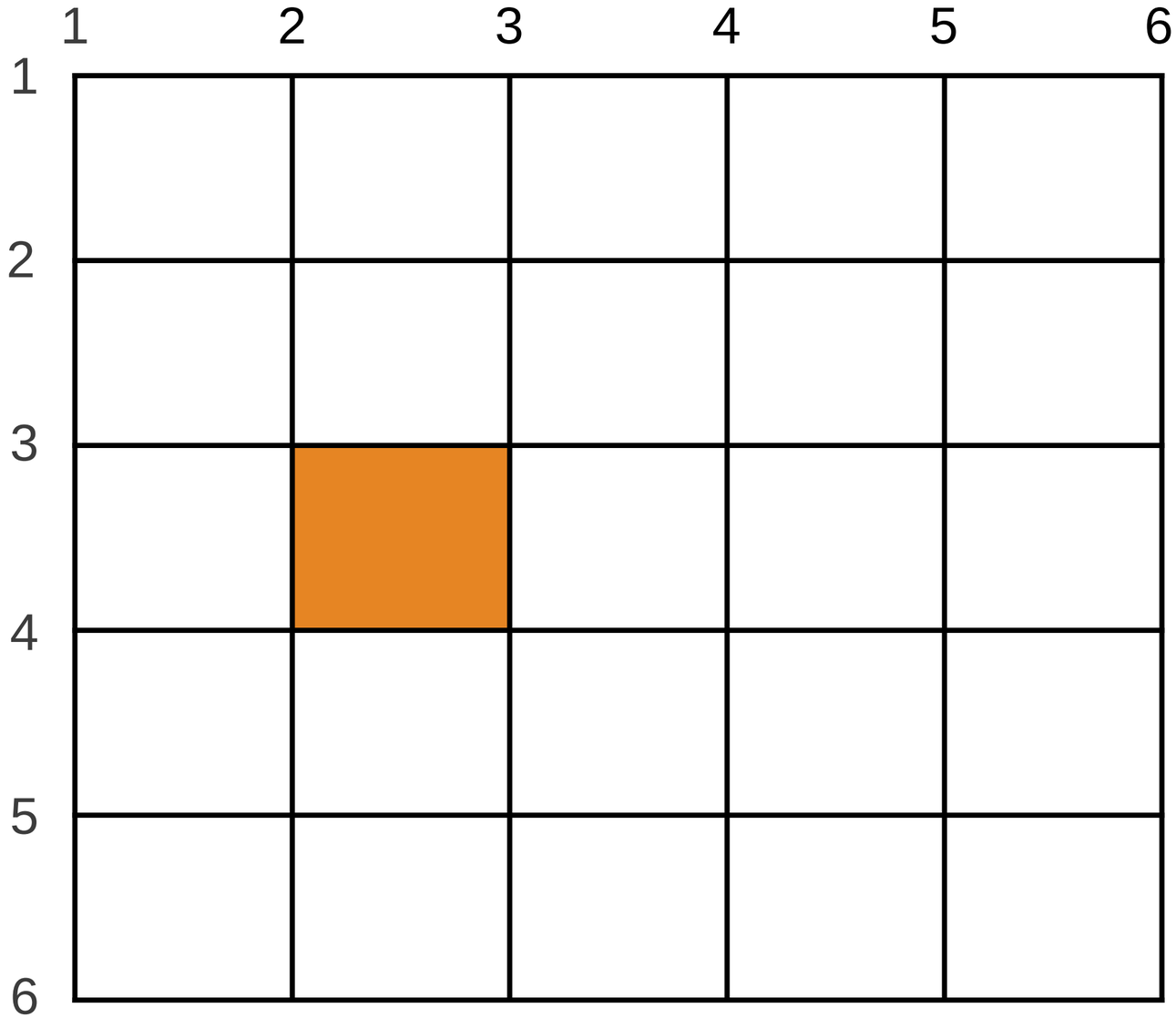


grid-column-start: 2;

grid-column-end: 3;

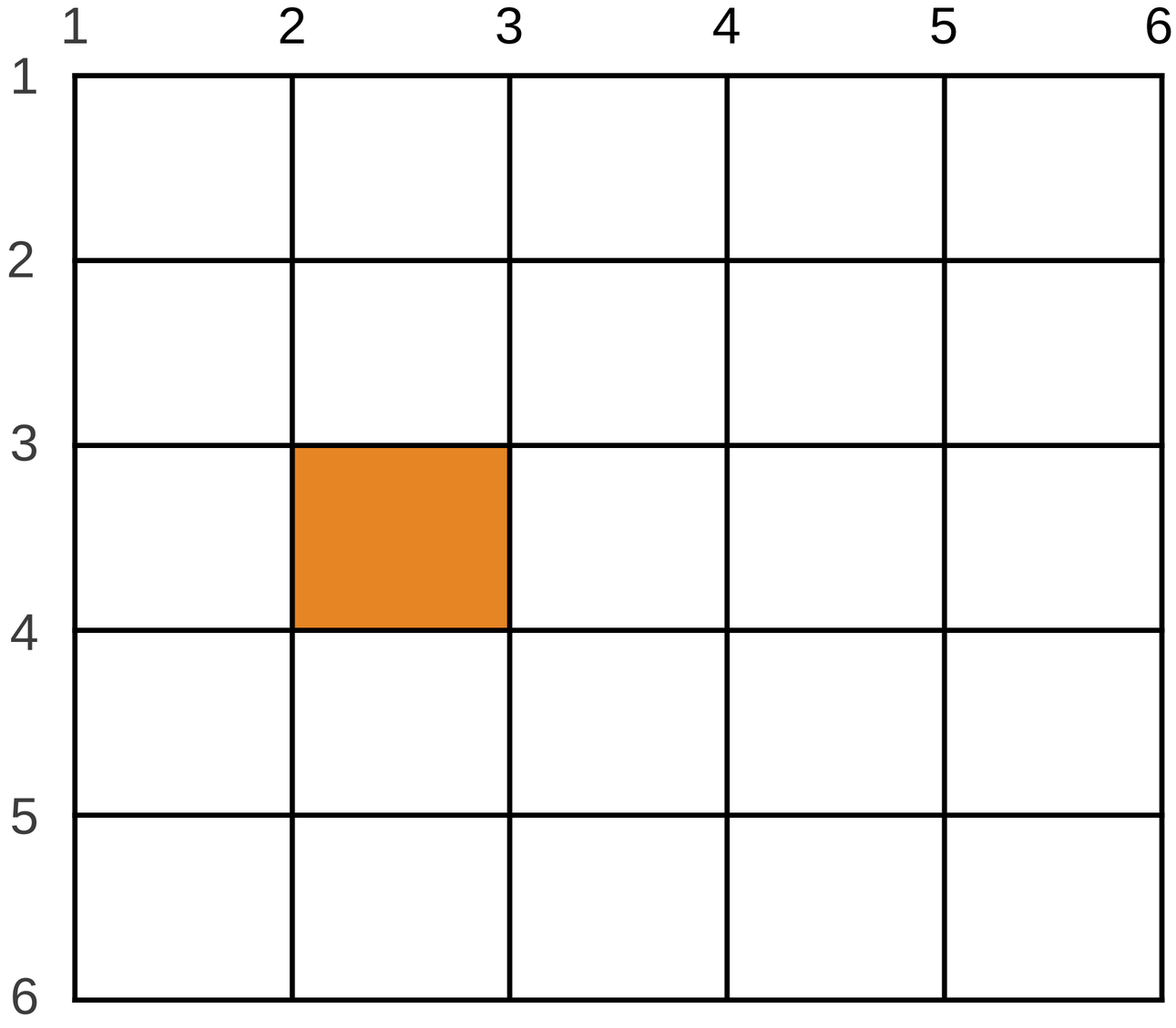
grid-row-start: 3;

grid-row-end: 4;



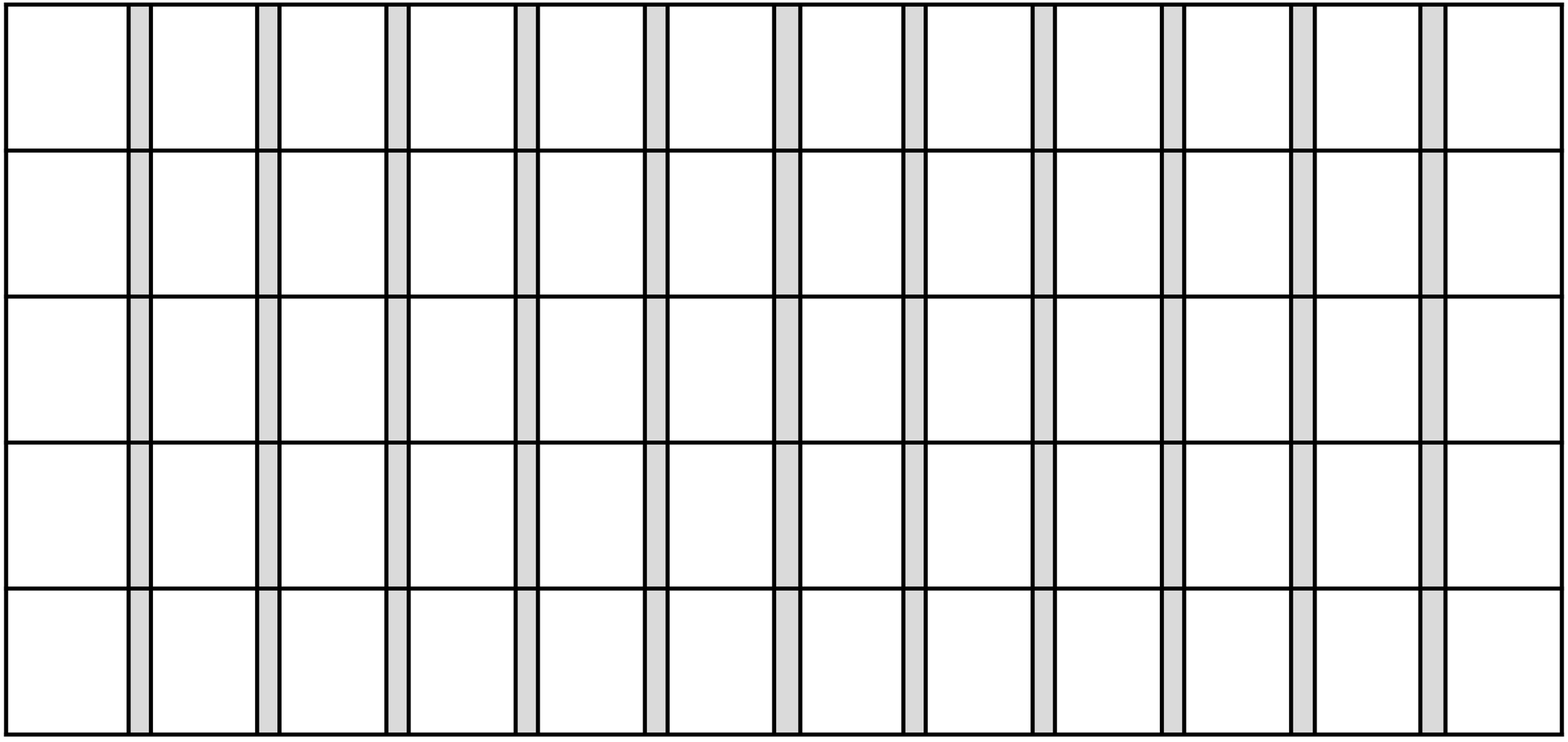
grid-column: 2 / 3;

grid-row: 3 / 4;



Math to the Rescue

12 main columns + 11 gutters = 23 grid lines

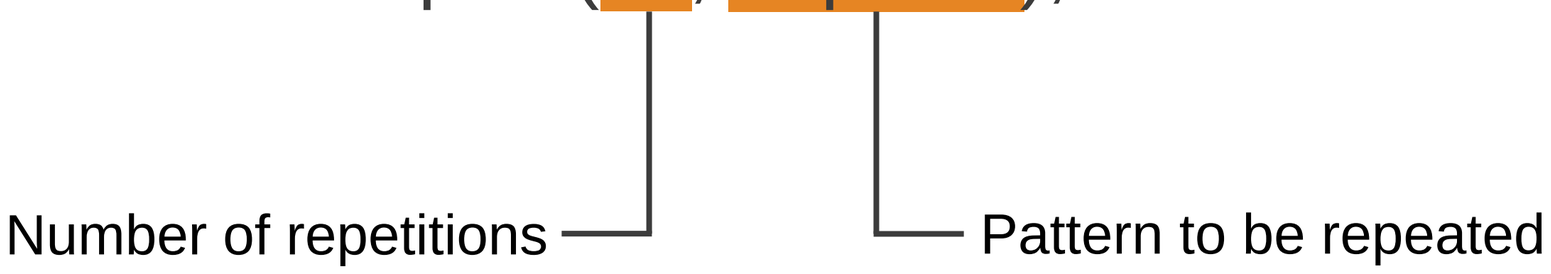


12 Column Grid + Gutters

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 10px 1fr 10px 1fr;

Repeat Keyword

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

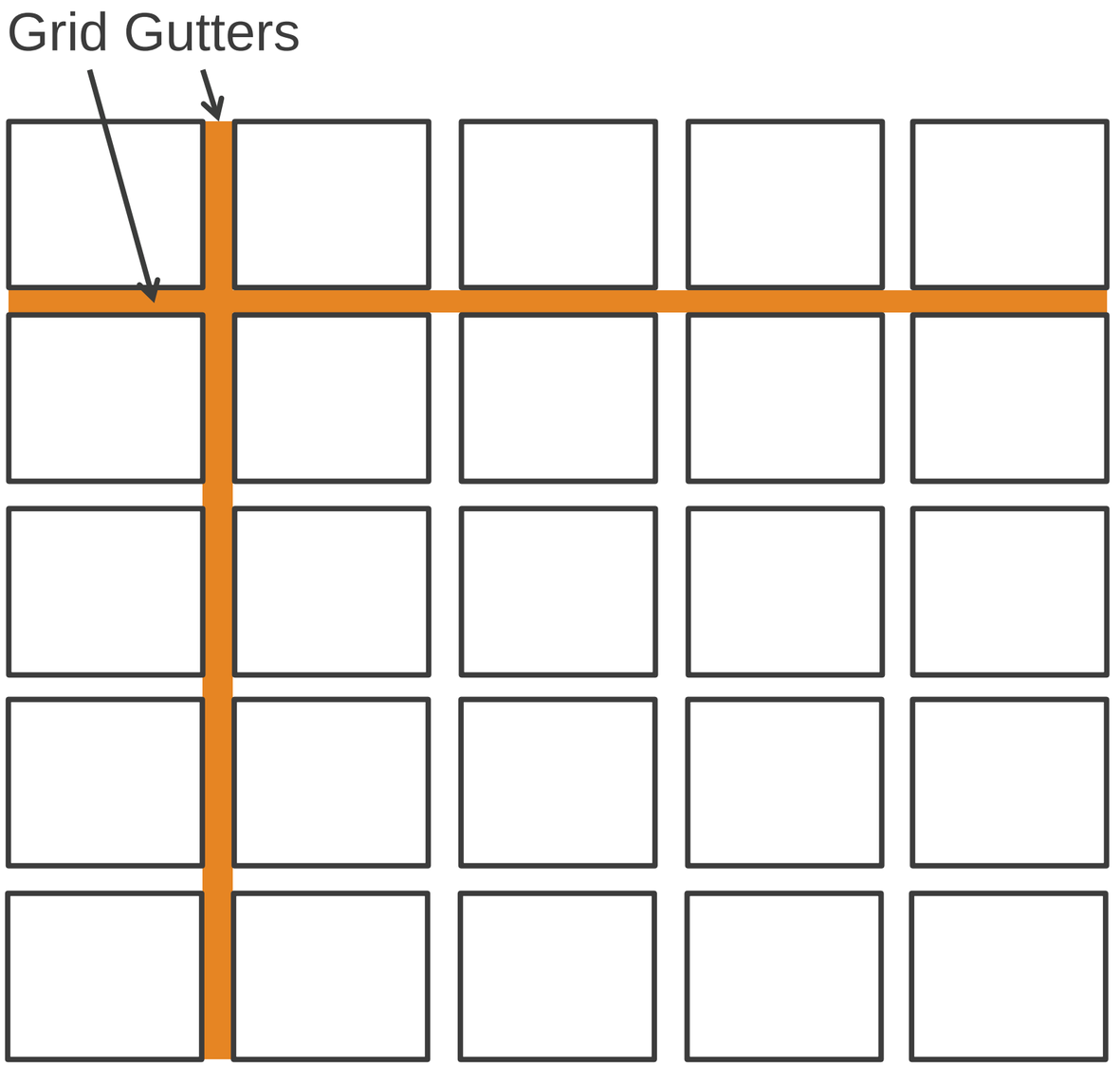


Gutters

Grid Gutters

The defined space between rows and columns.

NB!
Upcoming feature not currently supported in browsers.



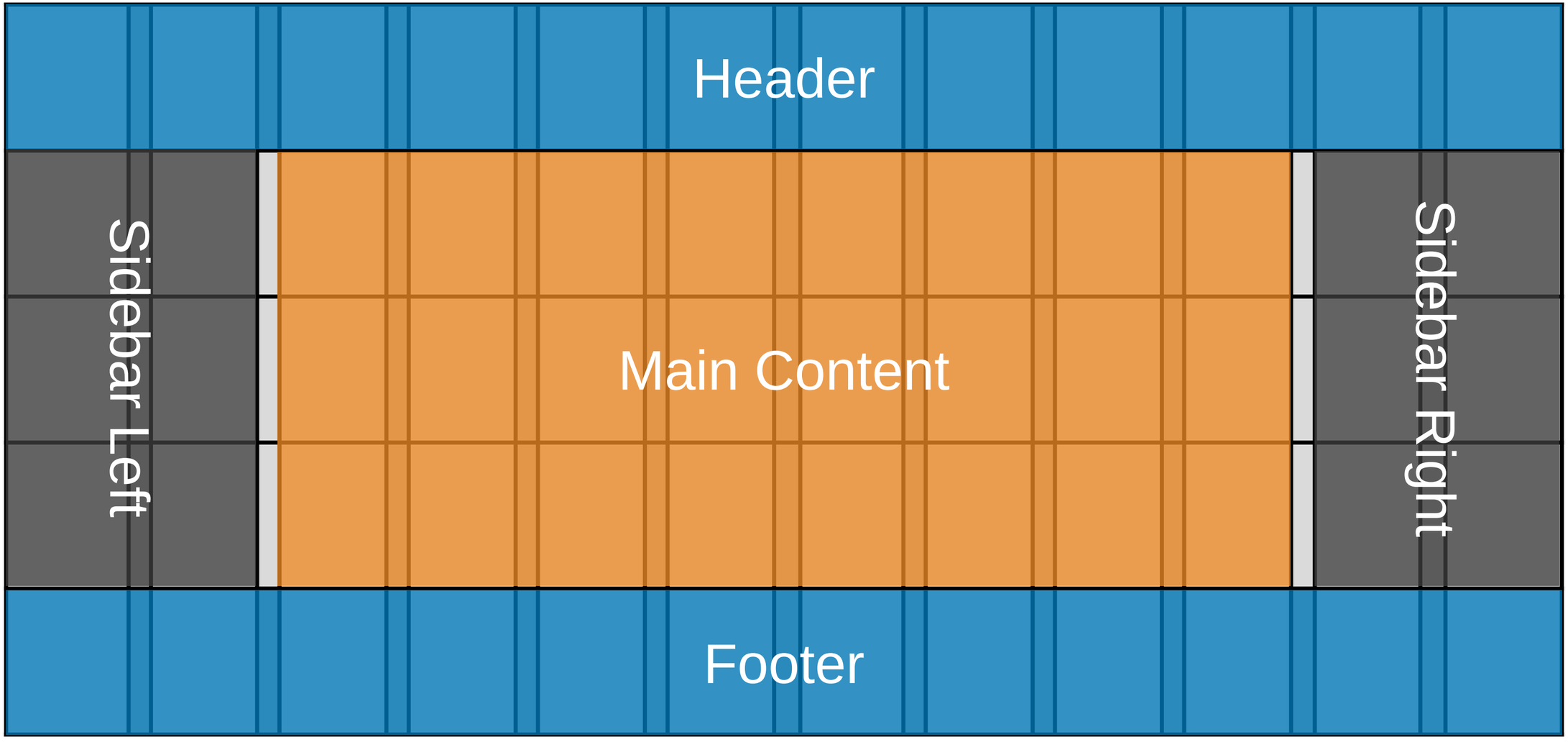
Gutters

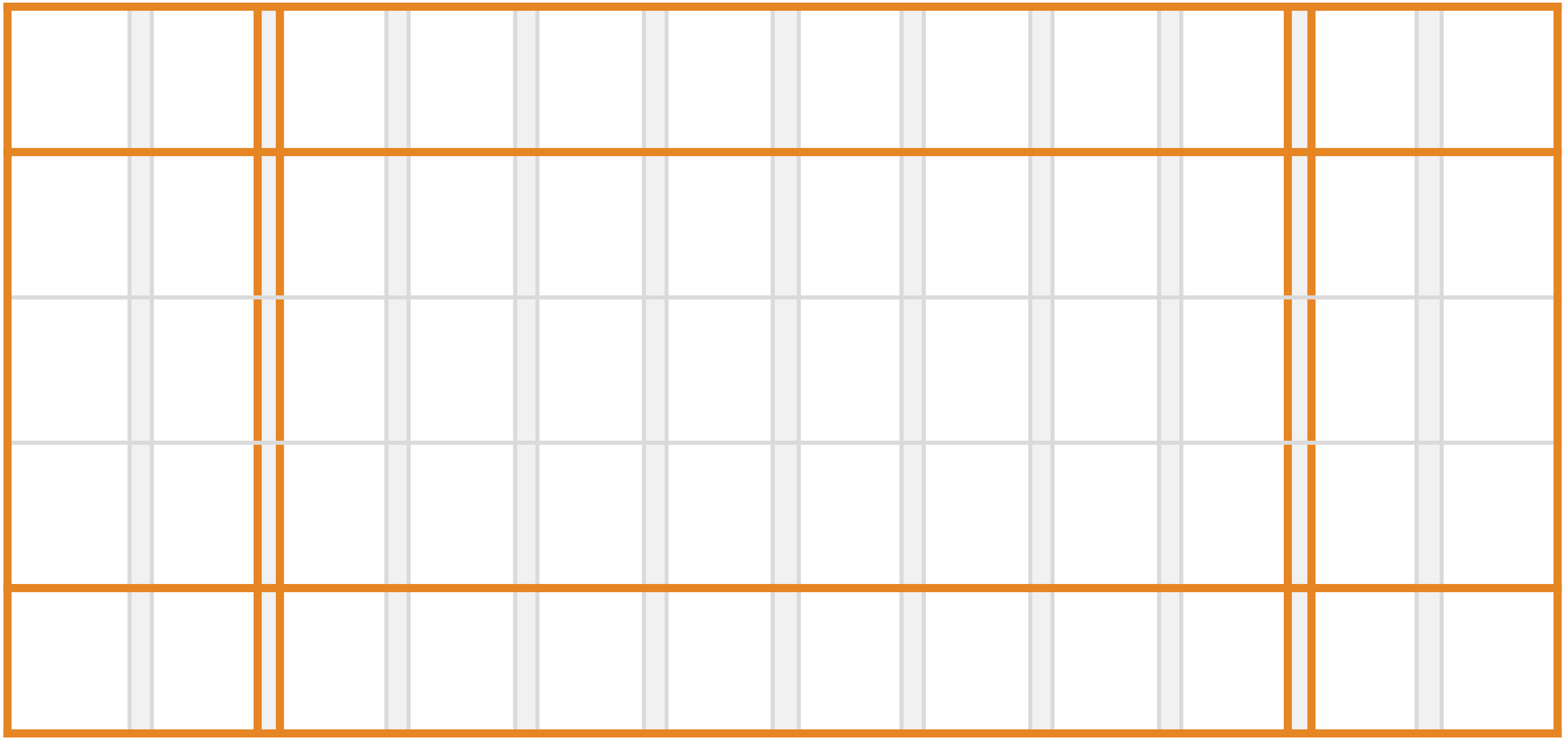
grid-column-gap: 10px;

grid-row-gap: 10px;

Named Lines

12 main columns + 11 gutters = 23 grid lines





Named Lines

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

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;

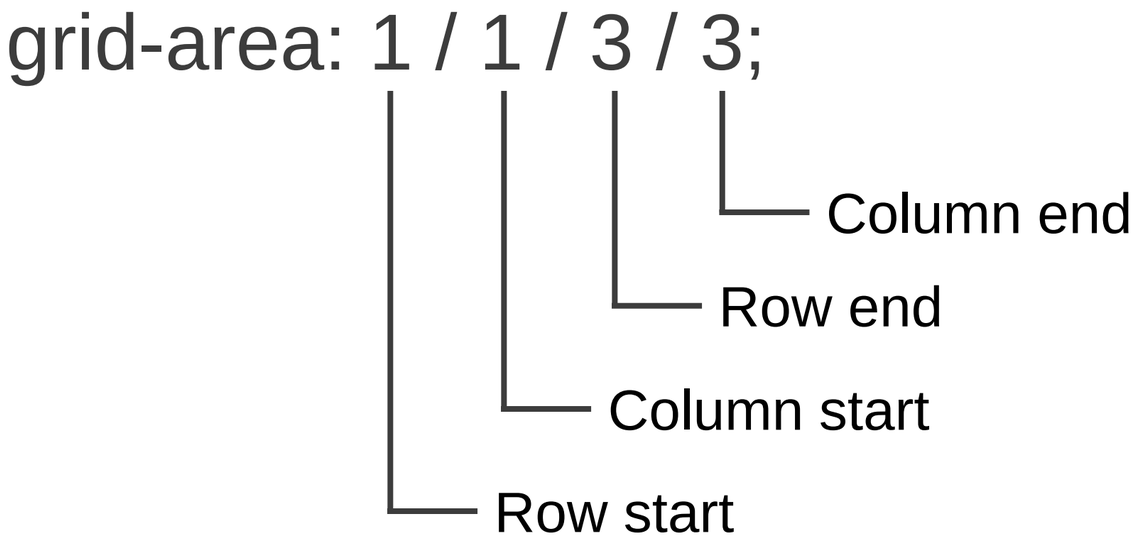
grid-template-areas:

“header header header header header header header header”

“sidebarleft . content content content . sidebarright”

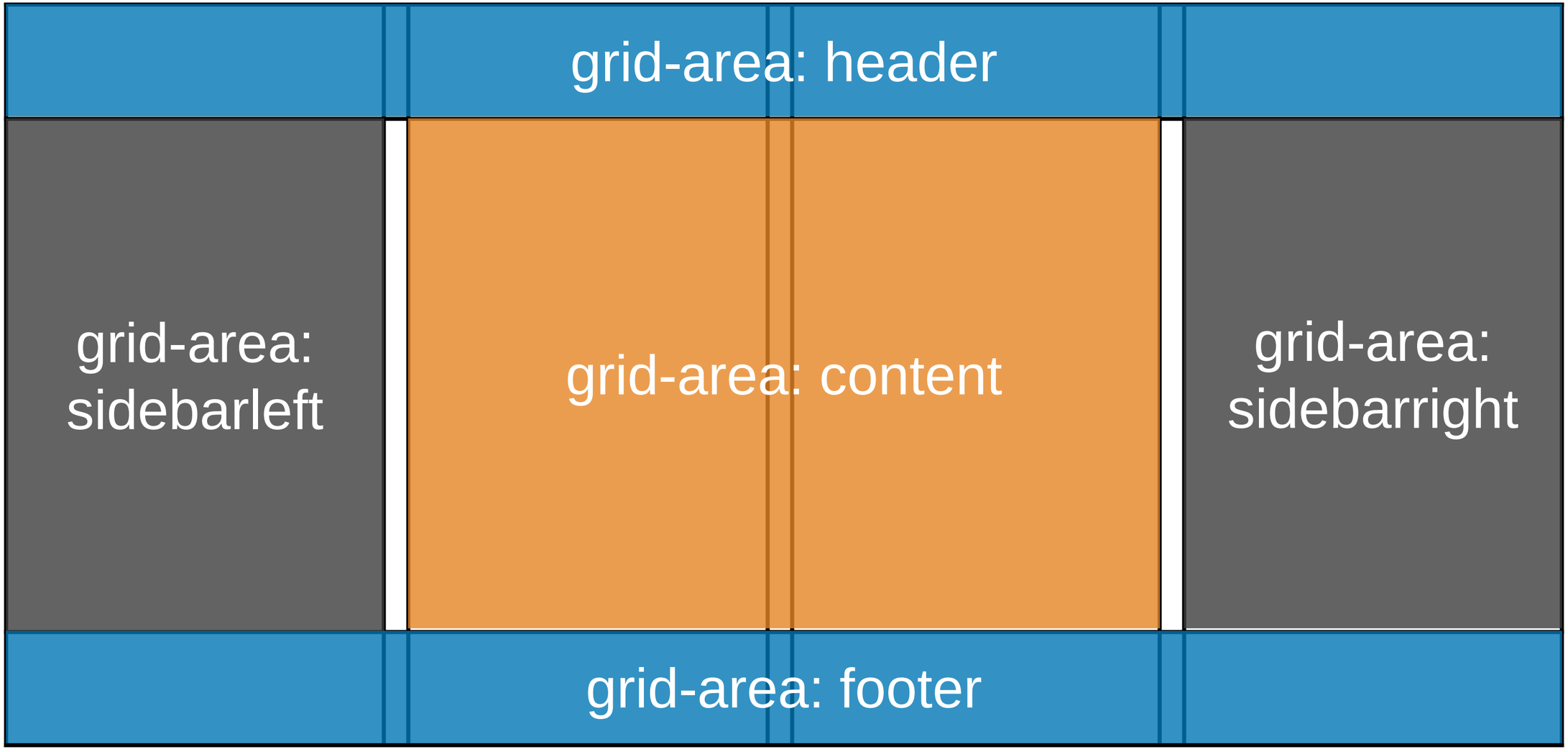
“footer footer footer footer footer footer footer footer”

Grid Area



Grid Area

grid-area: content;


grid-area: header
grid-area: sidebarleft
grid-area: content
grid-area: sidebarright
grid-area: footer