

```
.container {
  display: grid;
  grid-auto-flow: row; // por defecto filas
}
```

```
.item {
  border: thin solid #333;
  font-size: 2em;
  background-color: blanchedalmond;
}
```

```
.container {
  display: grid;
  grid-auto-flow: column; // por defecto filas
}
```

```
.item {
  border: thin solid #333;
  font-size: 2em;
  background-color: blanchedalmond;
}
```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

```
/*grid-column-gap: 10px ; separacion columnas*/  
/*grid-row-gap: 10px; separacion de filas*/  
grid-gap: 1em 2em; /*las dos anteriores filas-columnas*/
```

grid-column-gap

grid-row-gap

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

```
justify-items: end; /*alineacion horizontal /start-center-end*/  
align-items: end ; /*alineacion vertical / start-center-end*/
```

Estas opciones nos sirven para alinear los contenidos

Valores por defecto `stretch`

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

```
justify-content: center ;
```

```
/*a linear el contenedor horizontalmente start/center/end*/
```

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

```
align-content: center ;  
/**alinear el contenedor start/center/end*/
```

```
align-content: space-evenly;  
/* todos los espacios son iguales
```

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

`.grid-item{$}*24 /*genera 24 div ya numerados`

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(4, 1fr);  
}
```



1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(4, 1fr);  
  background-color: brown;  
  grid-gap: 15px;  
  grid-auto-rows: 60px; /*seria lo mismo que darle altura al hijo  
}
```

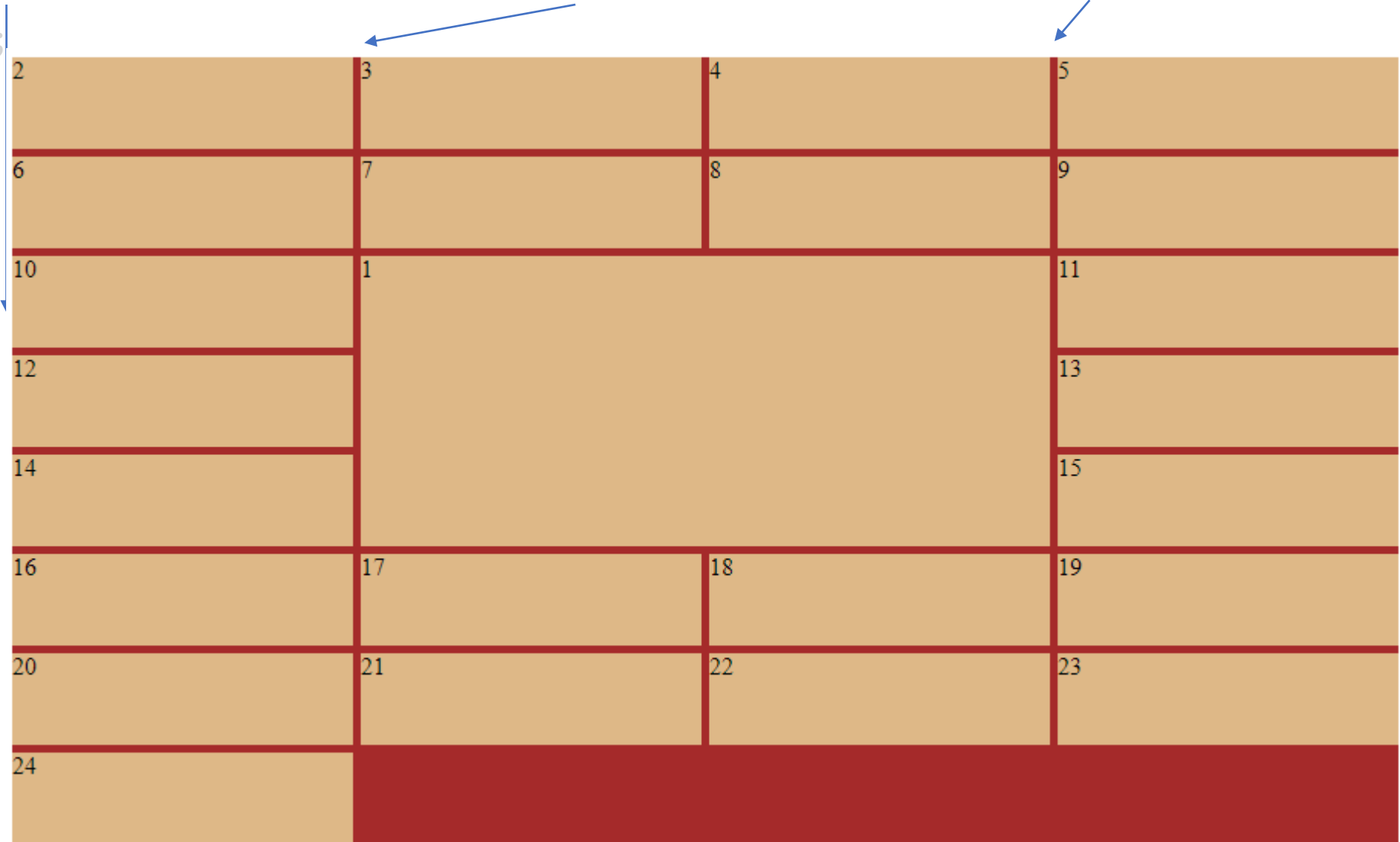
```
.grid-item:first-child {  
  grid-row-start: 3;  
  grid-row-end: 6;  
  grid-column-start: 2;  
  grid-column-end: 4;  
}
```

grid-column-start: 2;

grid-column-end: 4;

grid-row-start: 3;

grid-row-end: 6;





```
.grid-item:first-child {
  grid-column-start: 2;
  grid-column-end: 4;
}
```



	1	2	
3	4	5	6
7	8	9	10
11	12	13	14
15	16	17	18
19	20	21	22
23	24		

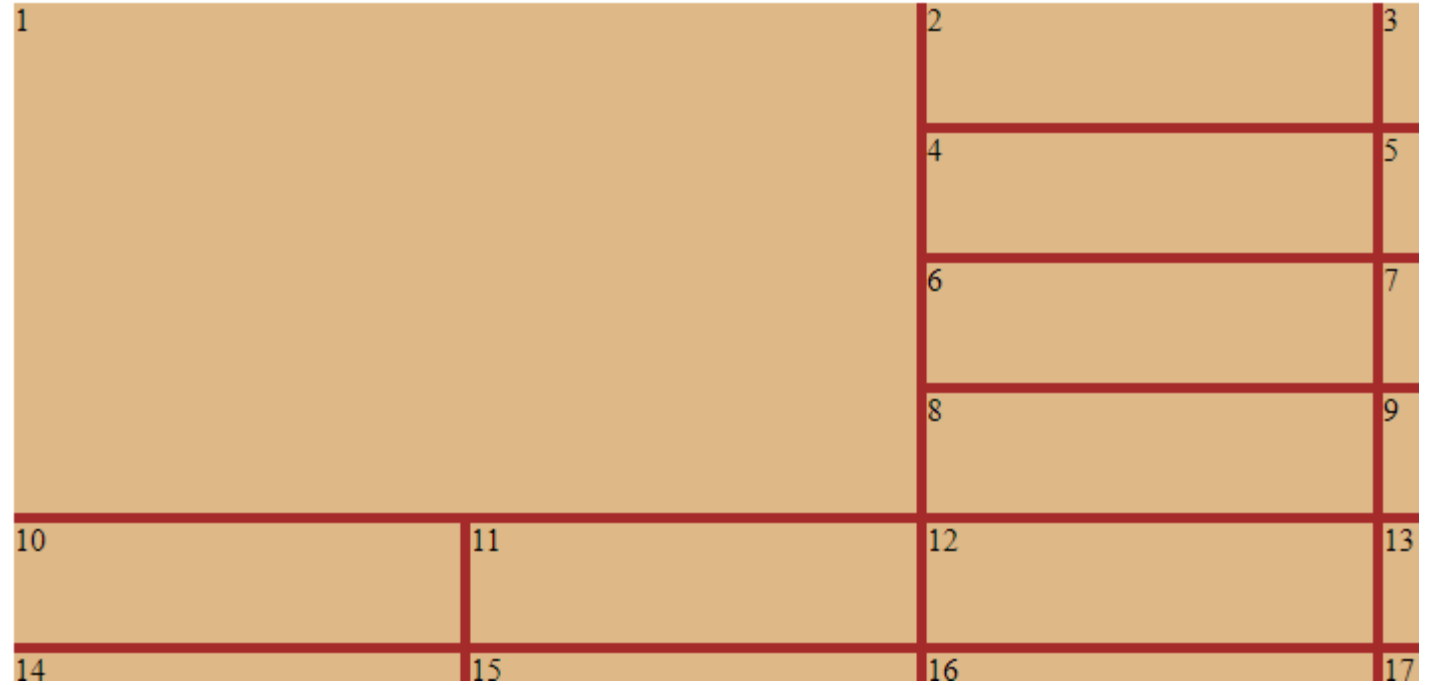
```
.grid-item:first-child {
  grid-column: 2 / 4;
}
```

```
.grid-container {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  background-color: brown;
  grid-gap: 5px;
  grid-auto-rows: 60px;
  grid-auto-flow: dense;
}
```

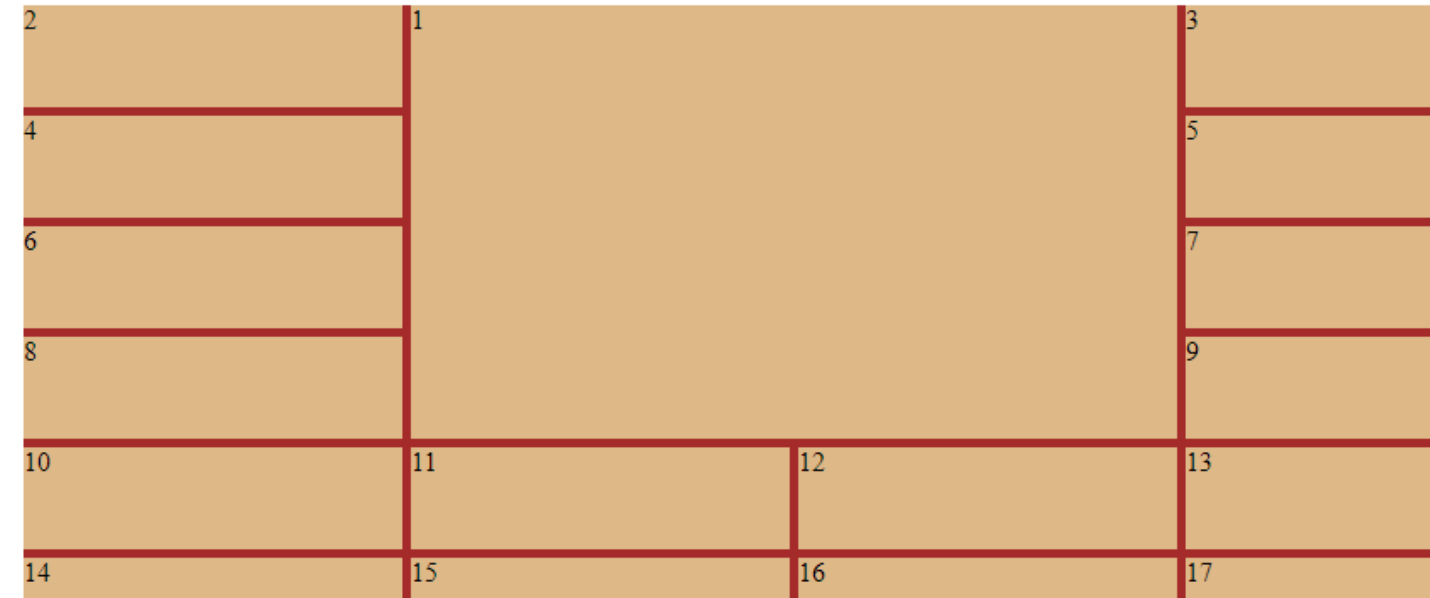
Me coloca el dos en el hueco que deja

2	1	3	
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19
20	21	22	23
24			

```
.grid-item:first-child {
  /* grid-column-start: 2;
  grid-column-end: 4;*/
  grid-column: span 2;
  grid-row: span 4;
}
```



```
.grid-item:first-child {
  /* grid-column-start: 2;
  grid-column-end: 4;*/
  grid-column: 2/ span 2;
  grid-row: 1 /span 4;
}
```



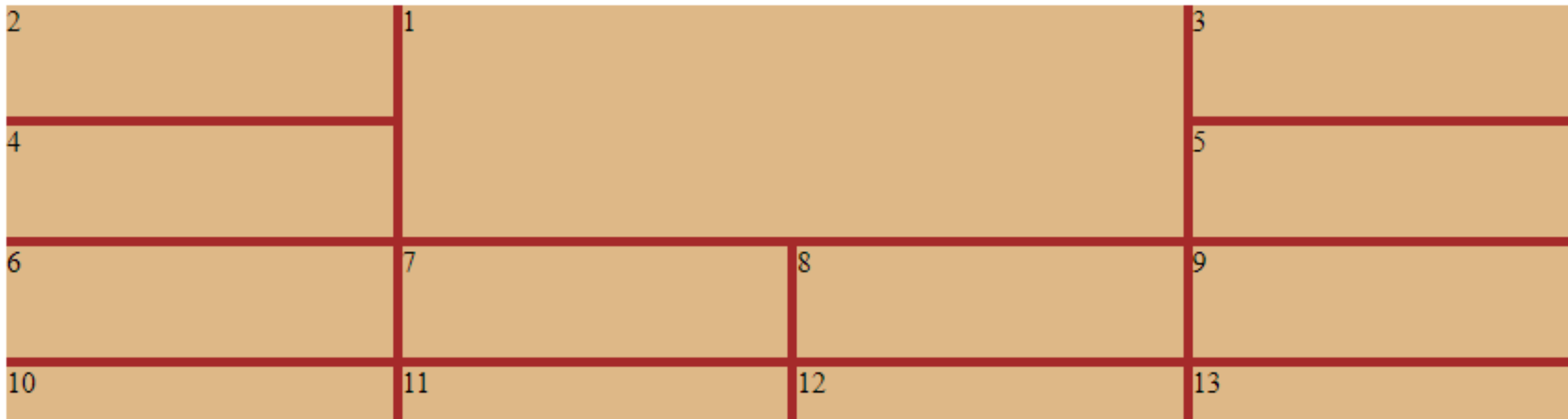
```
.grid-item:first-child {  
  grid-area: 1 / 2 / 3 / 4;  
}
```

grid-row-start

grid-column-start

grid-row-end

grid-column-end



```
.grid-item {  
  background-color: burlywood;  
  justify-self: stretch; /*justificacion horizontal start - center -end*/  
  align-self: stretch; /*justificacion vertical start -center -end*/  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}
```

2	1		3
4			5
6	7	8	9
10	11	12	13
14	15	16	17
18	19	20	21
22	23	24	