

Grid Container properties





Topics Covered

- Introduction to grid container
- grid-template-columns
- grid-template-rows
- grid-auto-rows
- grid-auto-columns
- grid-template-areas
- grid-column-gap
- grid-row-gap
- justify-content
- align-content
- justify-items
- align-items



Introduction to grid container

```
<div class="container">  
  <div>1</div>  
  <div>2</div>  
  <div>3</div>  
  <div>4</div>  
  <div>5</div>  
  <div>6</div>  
</div>
```

```
.container {  
  display: grid;  
}
```



grid-template-columns

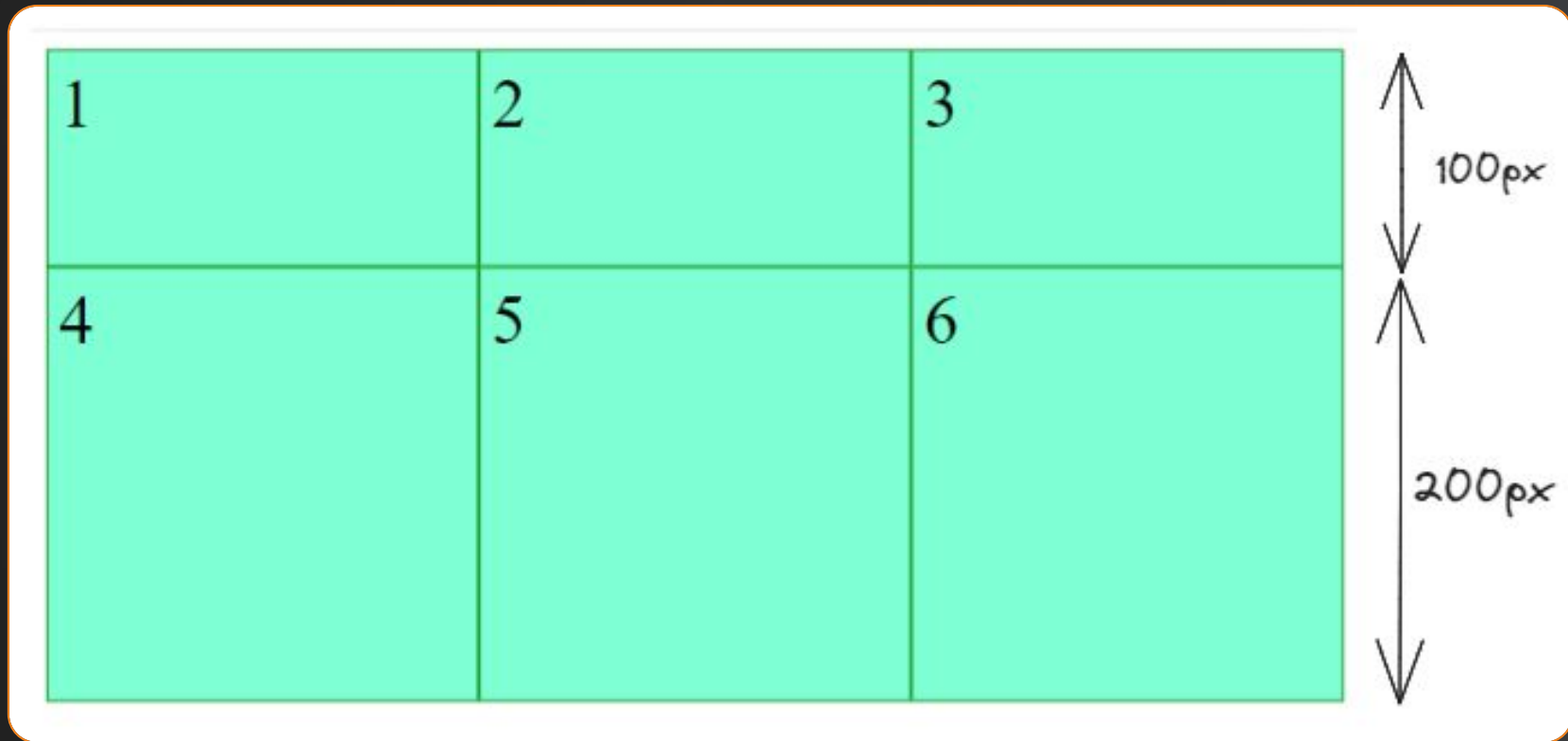
grid-template-columns: repeat(3, 1fr);

1	2	3
4	5	6



grid-template-rows

grid-template-rows: 100px 200px;





grid-template

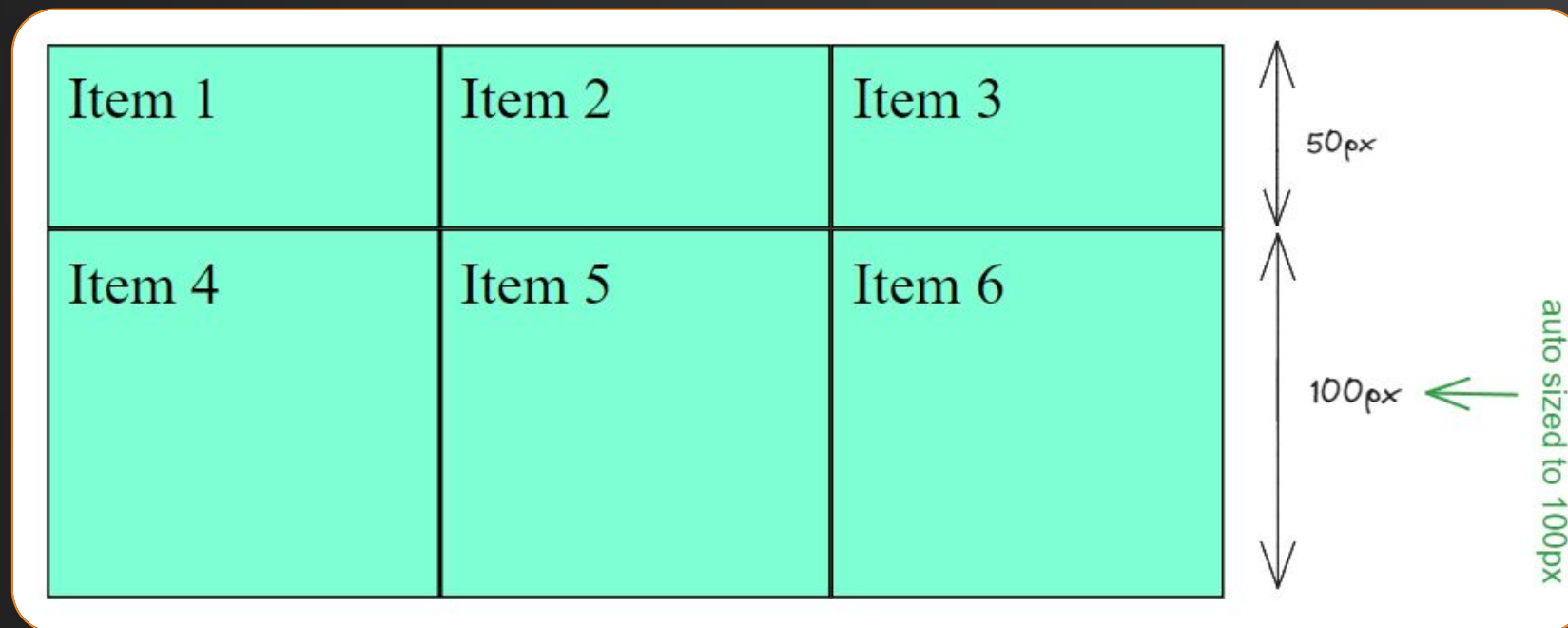
grid-template: repeat(2, 1fr) / repeat(3, 1fr);

1	2	3
4	5	6



grid-auto-rows

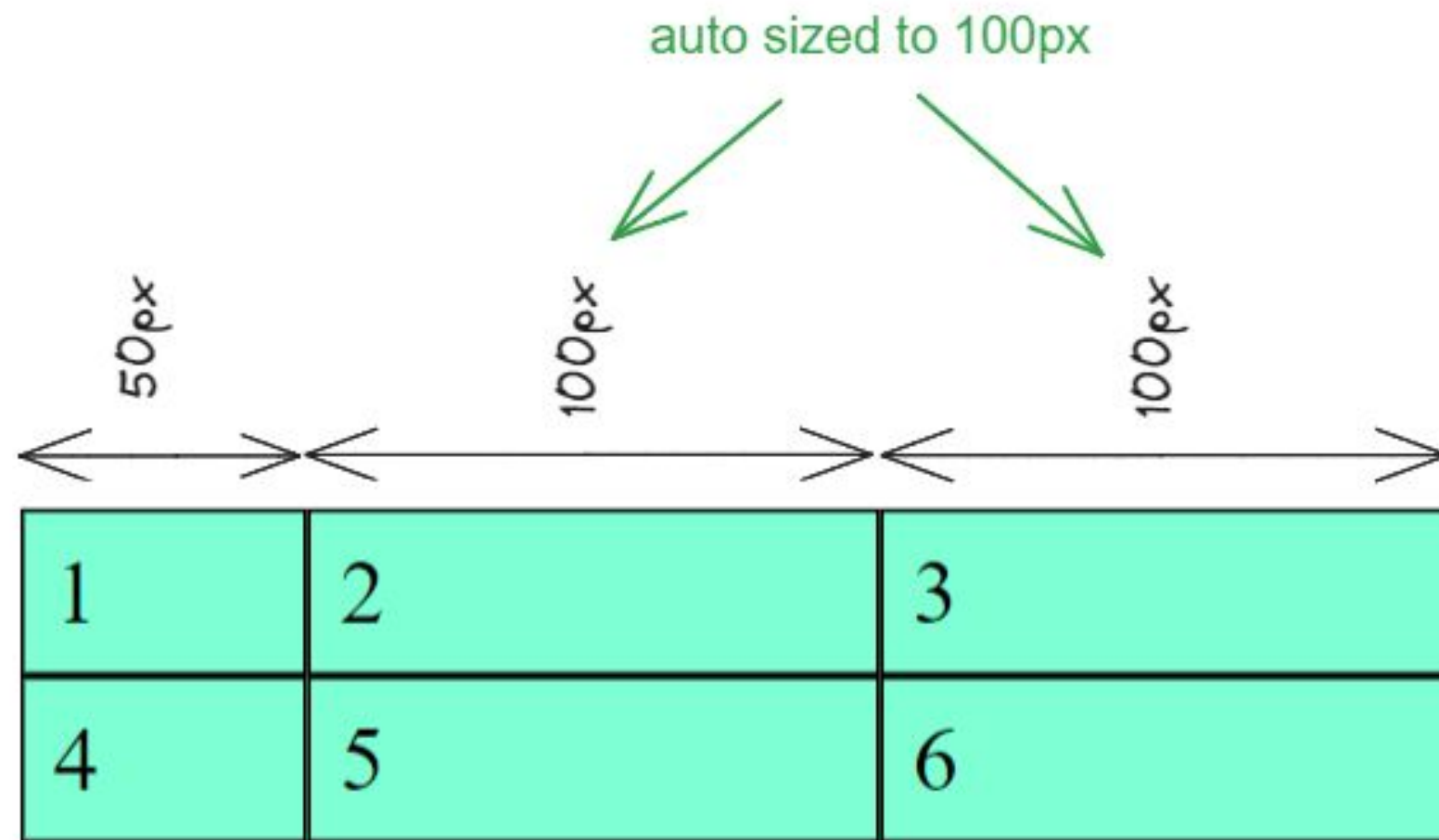
```
grid-template-areas: "X X X";
grid-template-rows: 50px;
grid-auto-rows: 100px;
```





grid-auto-columns

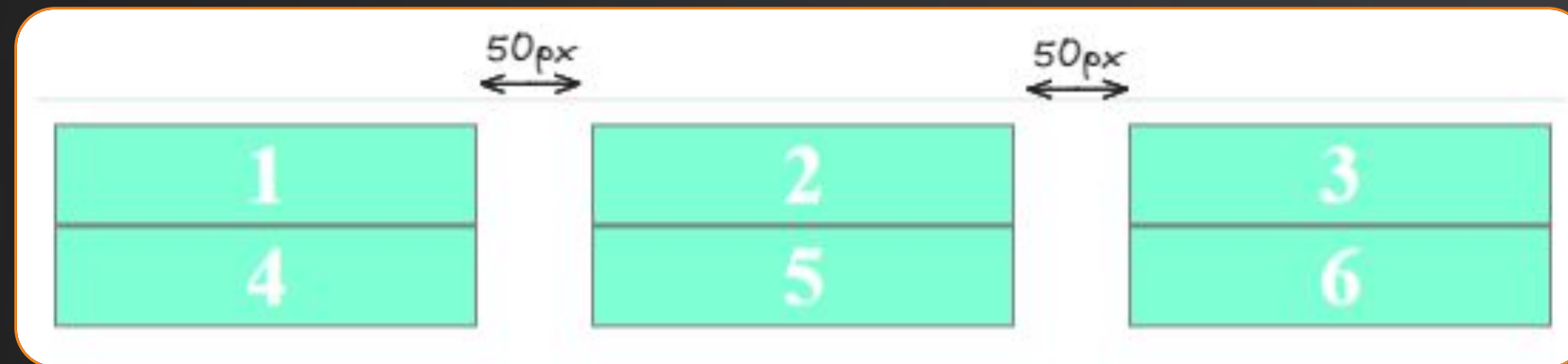
```
grid-template-areas: "X X X";
grid-template-columns: 50px;
grid-auto-columns: 100px;
```





grid-column-gap

grid-column-gap: 50px;





grid-row-gap

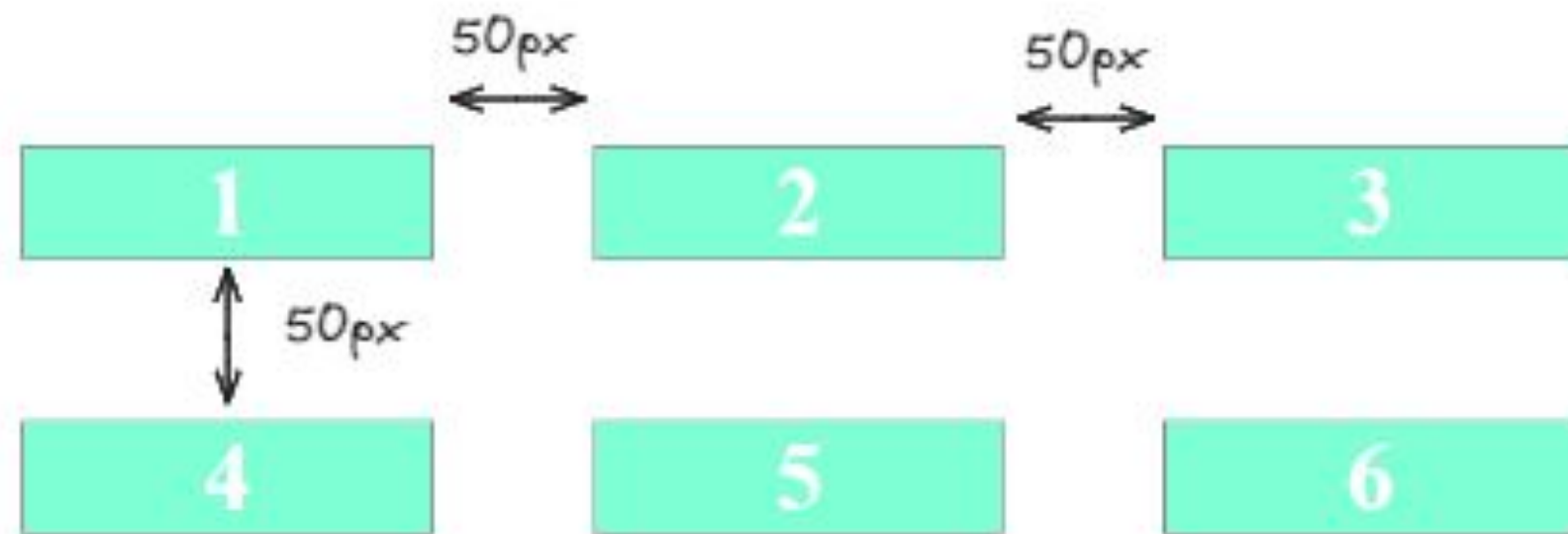
grid-row-gap: 50px;





grid-gap

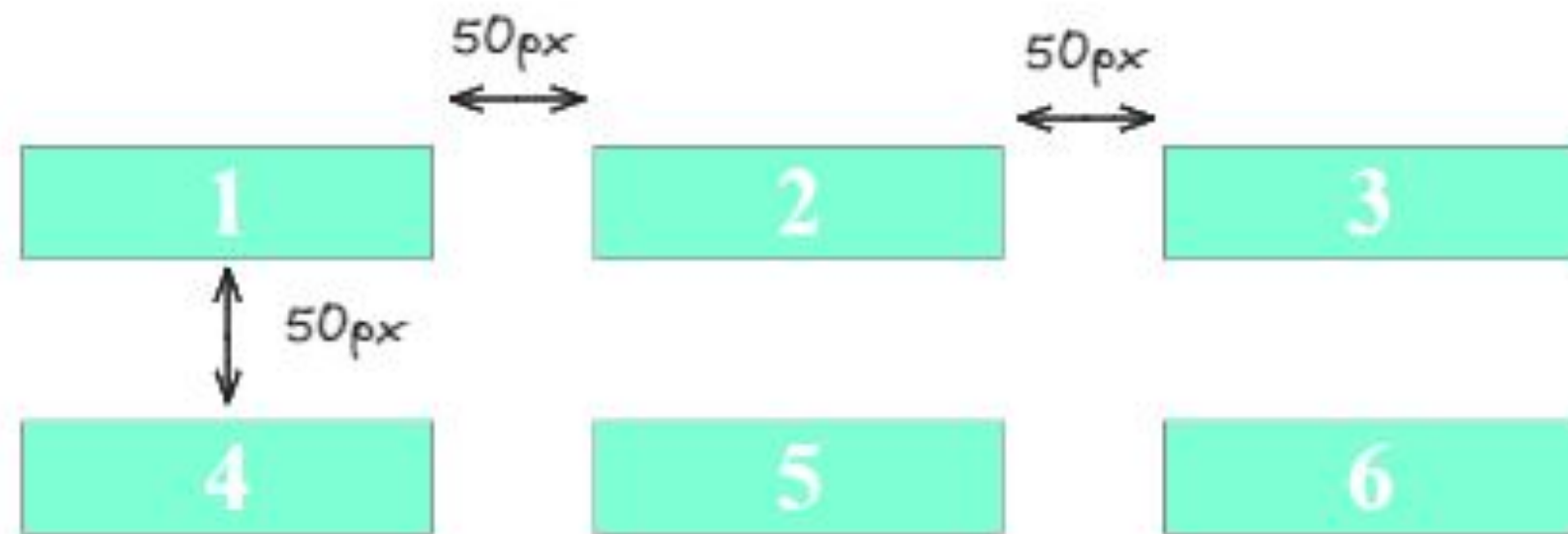
grid-gap: 50px;





grid-gap

grid-gap: 50px;





justify-content : center

	Item 1	Item 2	
	Item 3	Item 4	

justify-content: end

	Item 1	Item 2
	Item 3	Item 4

justify-content: start

Item 1	Item 2	
Item 3	Item 4	



justify-content: space-between



justify-content: space-around



justify-content: space-evenly





justify-content: stretch

Item 1	Item 2
Item 3	Item 4

justify-items: center

	Item 1		Item 2	
	Item 3		Item 4	

justify-items: start

Item 1		Item 2	
Item 3		Item 4	



justify-items: end

	Item 1		Item 2
	Item 3		Item 4

justify-items: stretch

Item 1	Item 2
Item 3	Item 4



align-content: center

Item 1	Item 2
Item 3	Item 4

align-content: start

Item 1	Item 2
Item 3	Item 4

align-content: end

Item 1	Item 2
Item 3	Item 4



align-content: space-between

Item 1	Item 2
Item 3	Item 4

align-content: space-around

Item 1	Item 2
Item 3	Item 4

align-content: space-evenly

Item 1	Item 2
Item 3	Item 4



align-content: stretch

Item 1	Item 2
Item 3	Item 4

align-content: center

Item 1	Item 2
Item 3	Item 4

align-content: start

Item 1	Item 2
Item 3	Item 4



align-content: end

Item 1	Item 2
Item 3	Item 4

align-content: stretch

Item 1	Item 2
Item 3	Item 4



▶ **THANK YOU** ◀