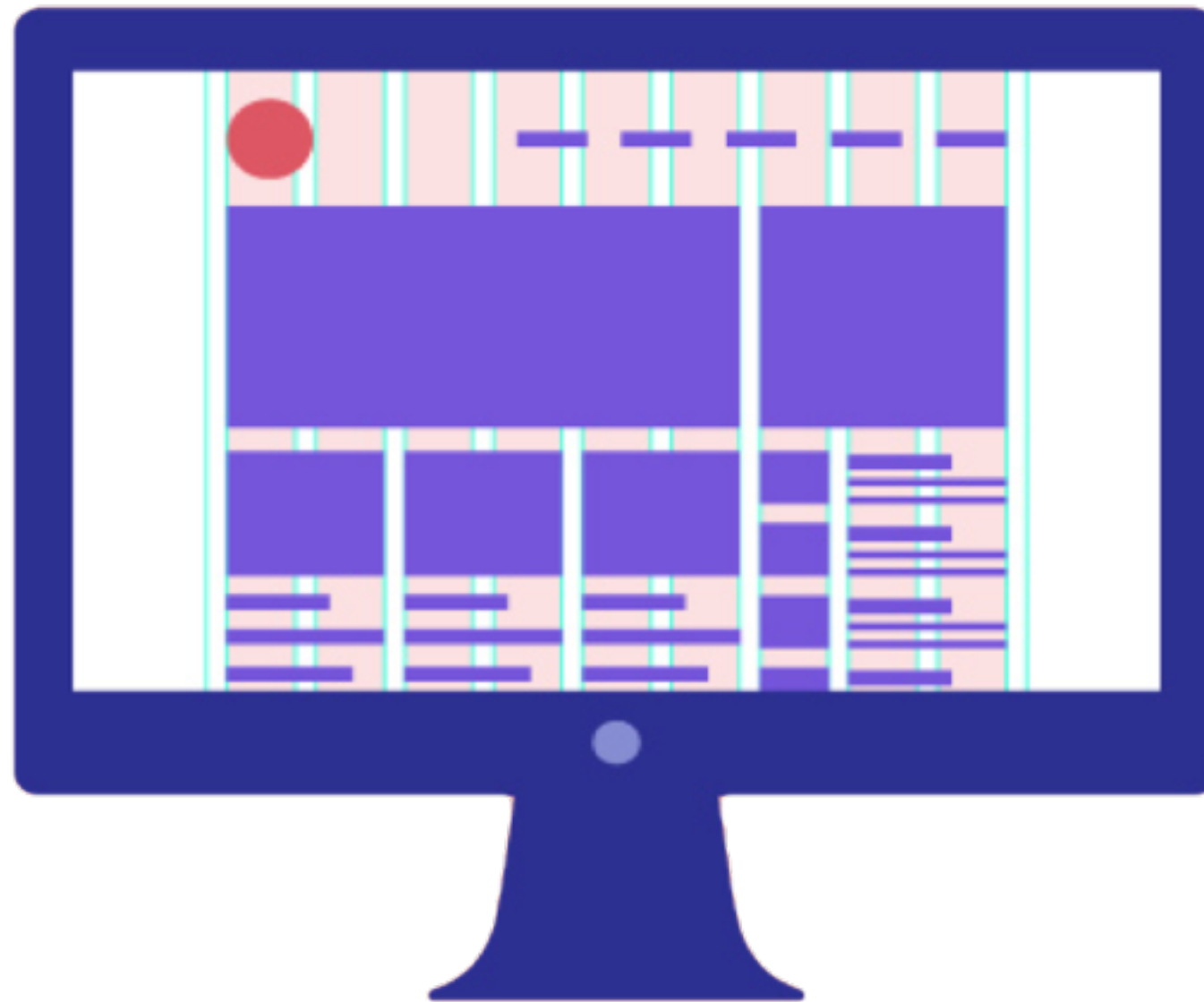




# La Grille, composant clé



[getbootstrap.com/css/#grid](https://getbootstrap.com/css/#grid)

# Définition

*Bootstrap includes a **responsive, mobile first** fluid **grid** system that appropriately scales up to **12 columns** as the **device** size increases.*

# *Responsive*

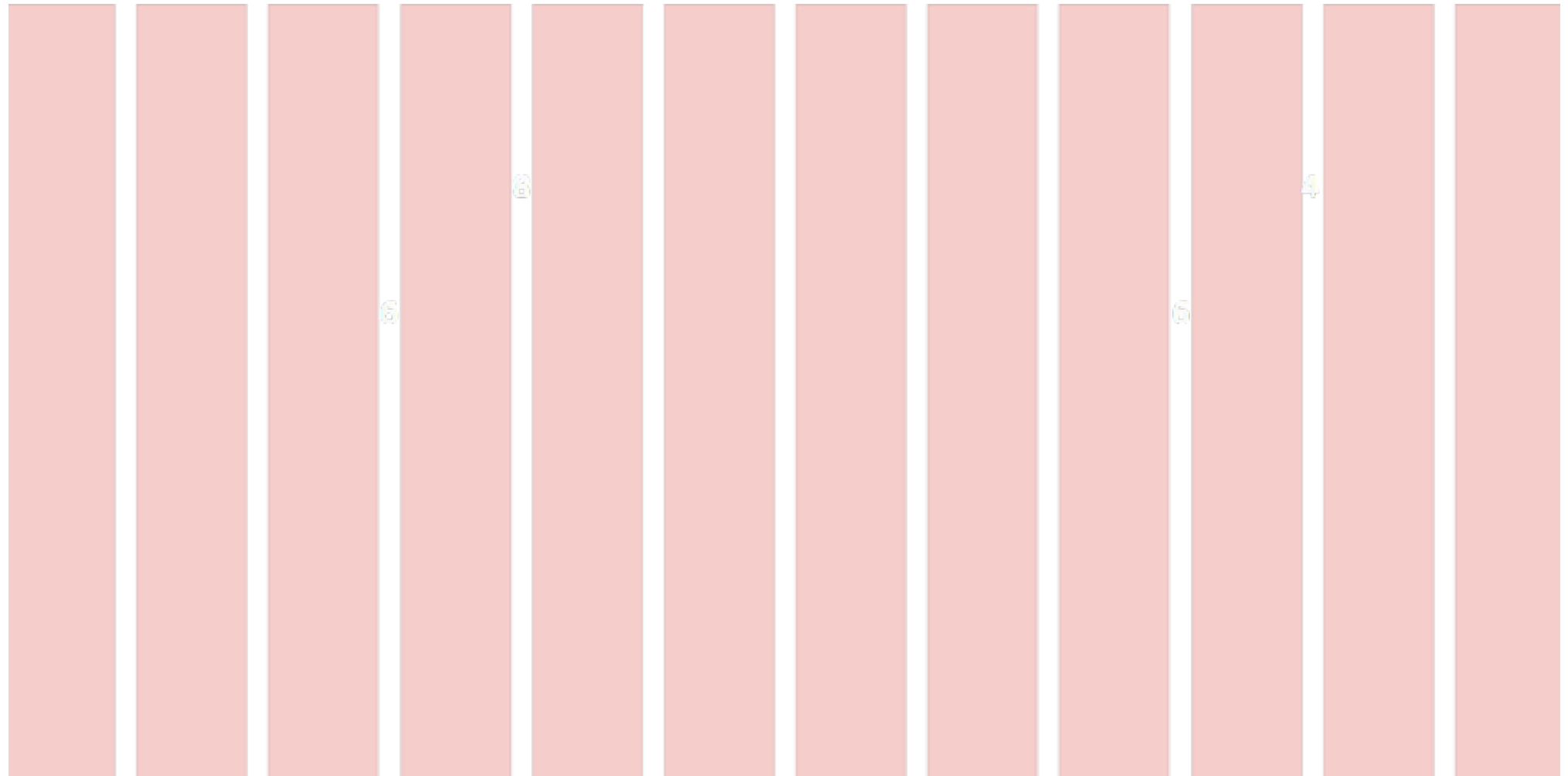


# *Mobile-first*



# grille - container

```
<div class="container">
```



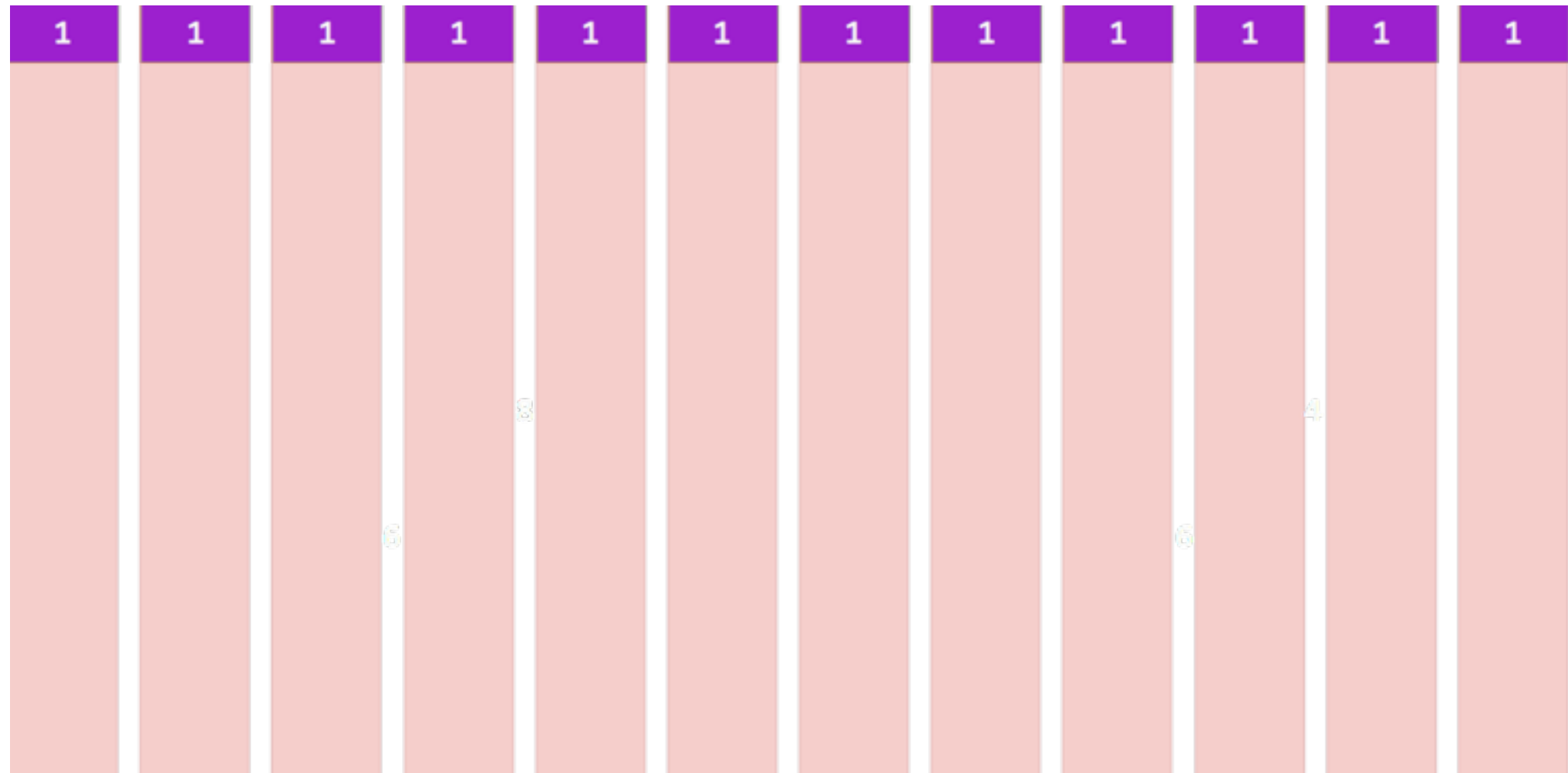
```
</div>
```

# grille - rangée

```
<div class="container">
```

```
<div class="row">
```

```
</div>
```

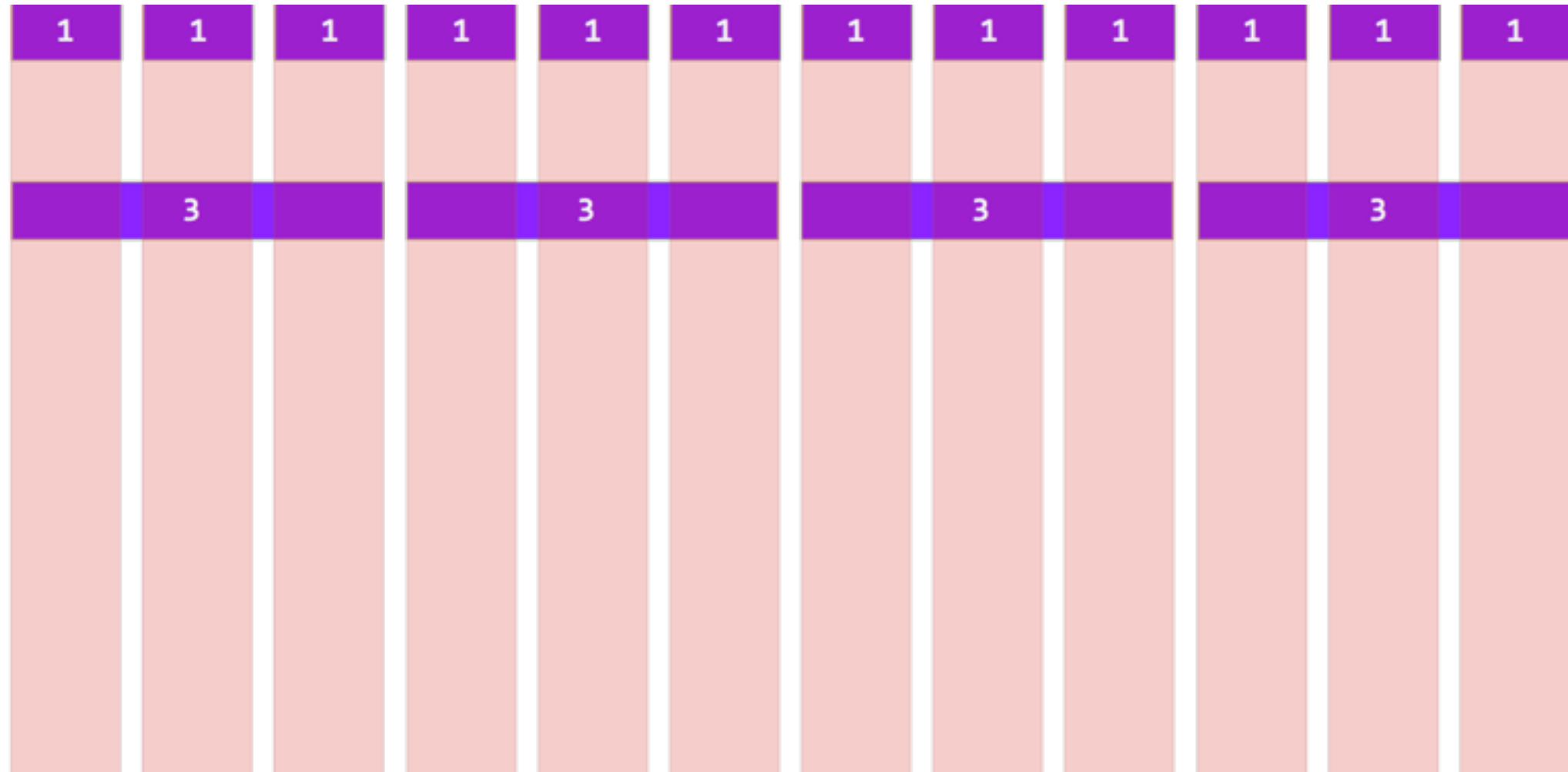


```
</div>
```

## grille - rangée

```
<div class="container">
```

```
  <div class="row">
```



```
</div>
```

```
  <div class="row">
```



```
</div>
```

```
</div>
```



## grille - rangée

```
<div class="container">
```

```
  <div class="row">
```



1	1	1	1	1	1	1	1	1	1	1	1
	3			3		3		3		3	
		4			4		4		4		

```
  </div>
```

```
  <div class="row">
```



```
  </div>
```

```
  <div class="row">
```



```
  </div>
```

```
</div>
```

# grille - rangée

```
<div class="container">
```

```
  <div class="row">
```



1	1	1	1	1	1	1	1	1	1	1	1
---	---	---	---	---	---	---	---	---	---	---	---

```
  </div>
```

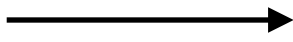
```
  <div class="row">
```



	3			3			3			3	
--	---	--	--	---	--	--	---	--	--	---	--

```
  </div>
```

```
  <div class="row">
```



		4			4				4		
--	--	---	--	--	---	--	--	--	---	--	--

```
  </div>
```

```
  <div class="row">
```



				8					4		
--	--	--	--	---	--	--	--	--	---	--	--

```
  </div>
```

```
  <div class="row">
```



			6					6			
--	--	--	---	--	--	--	--	---	--	--	--

```
  </div>
```

```
</div>
```

# grille - briques - syntaxe

occupe 6 colonnes

`<div class="col-xs-6">`

col-**xs**

col-**sm**

col-**md**

col-**lg**

Extra small  
devices  
***Phones***

Small devices  
***Tablets***

Medium  
devices

Large devices  
***Desktops***

**< 768px**

**> 768px**

**> 992px**

**> 1200px**

# grille - briques (1)

```
<div class="container">
```

```
  <div class="row">
```

```
    <div class="col-xs-6">
```

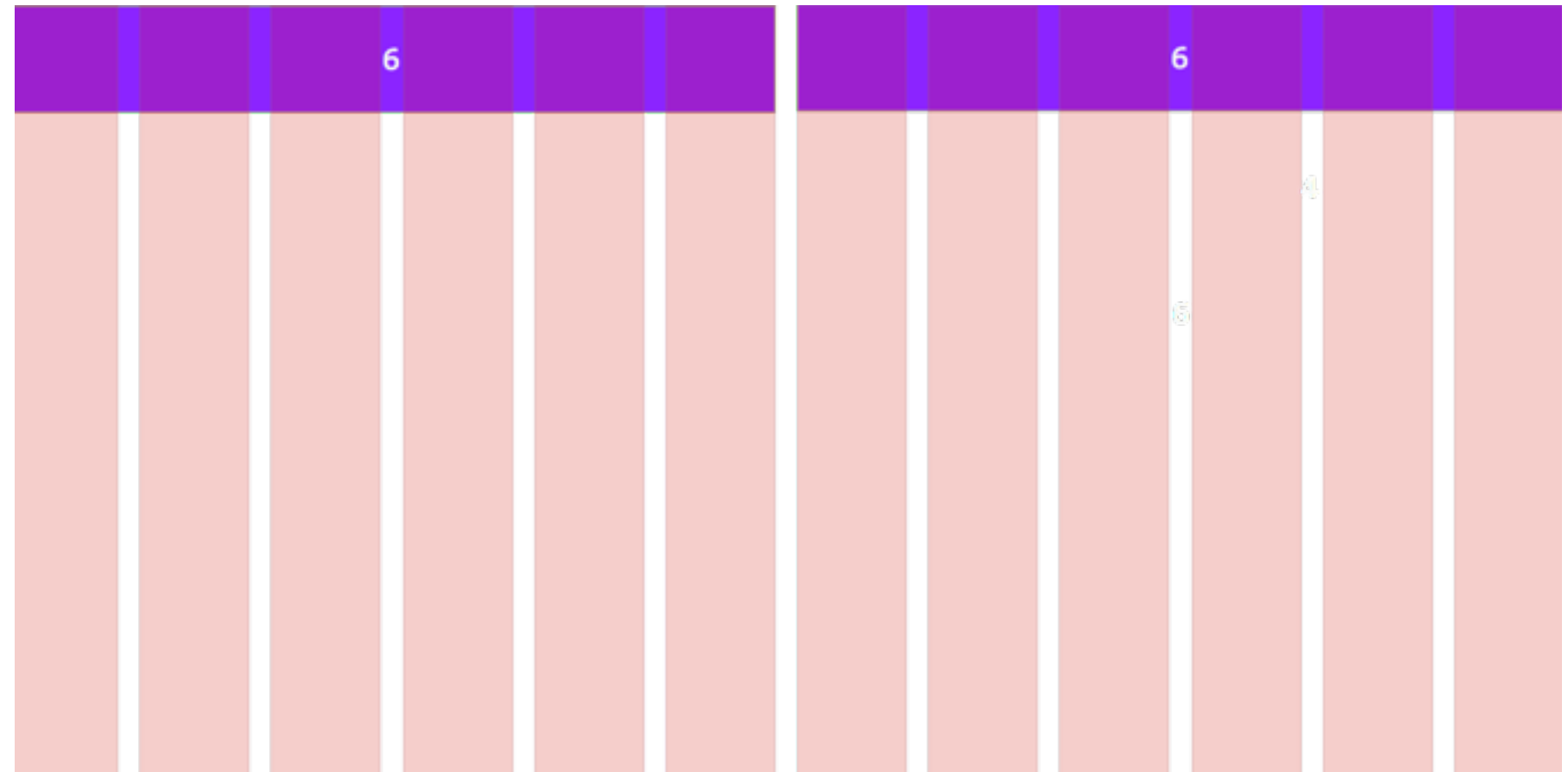
```
    </div>
```

```
    <div class="col-xs-6">
```

```
    </div>
```

```
  </div>
```

```
</div>
```



## grille - briques (2)

```
<div class="container">
```

```
  <div class="row">
```

```
    <div class="col-xs-6">
```

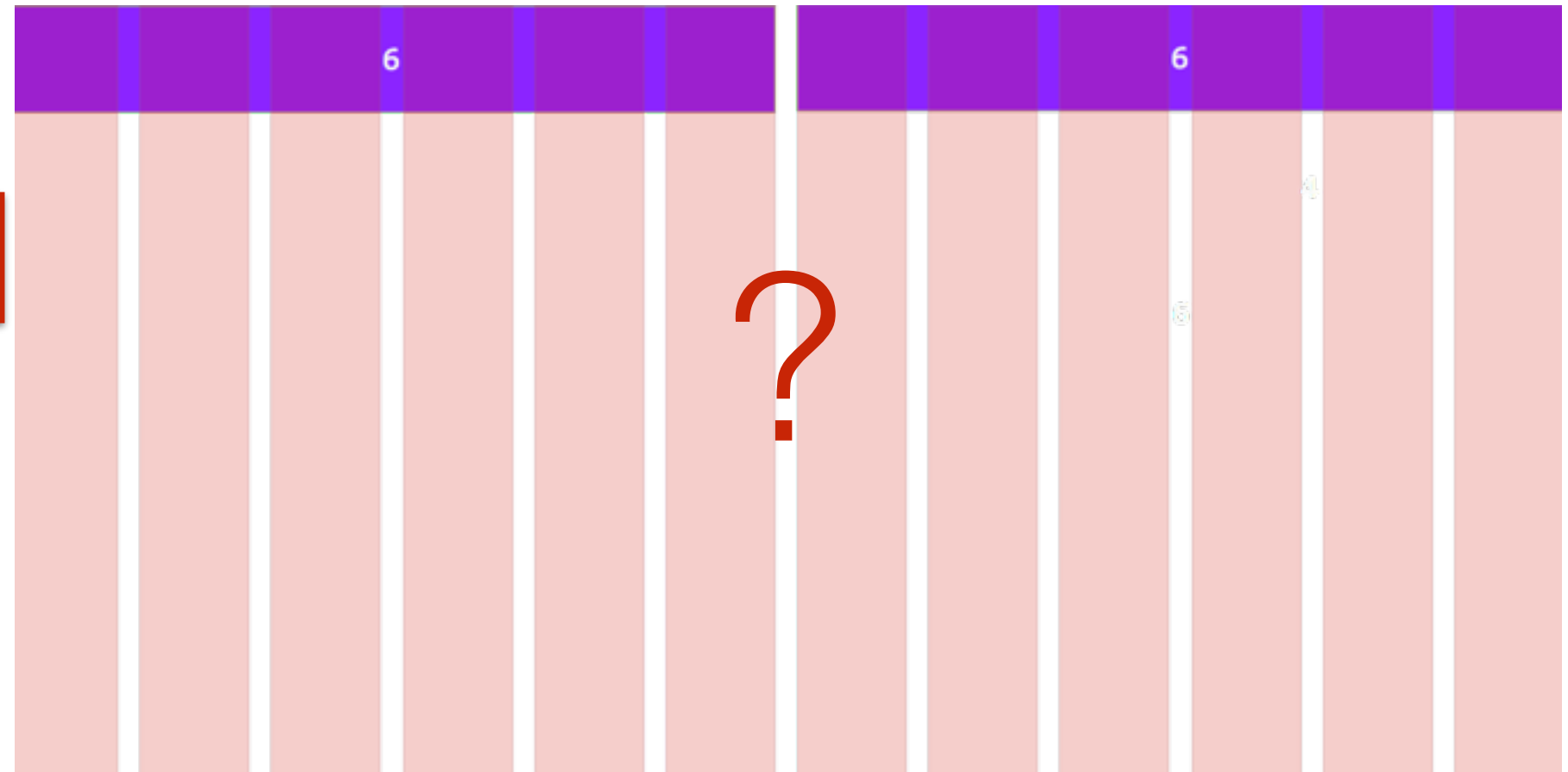
```
    </div>
```

```
    <div class="col-xs-6">
```

```
    </div>
```

```
  </div>
```

```
</div>
```



## grille - briques (3)

```
<div class="container">
```

```
  <div class="row">
```

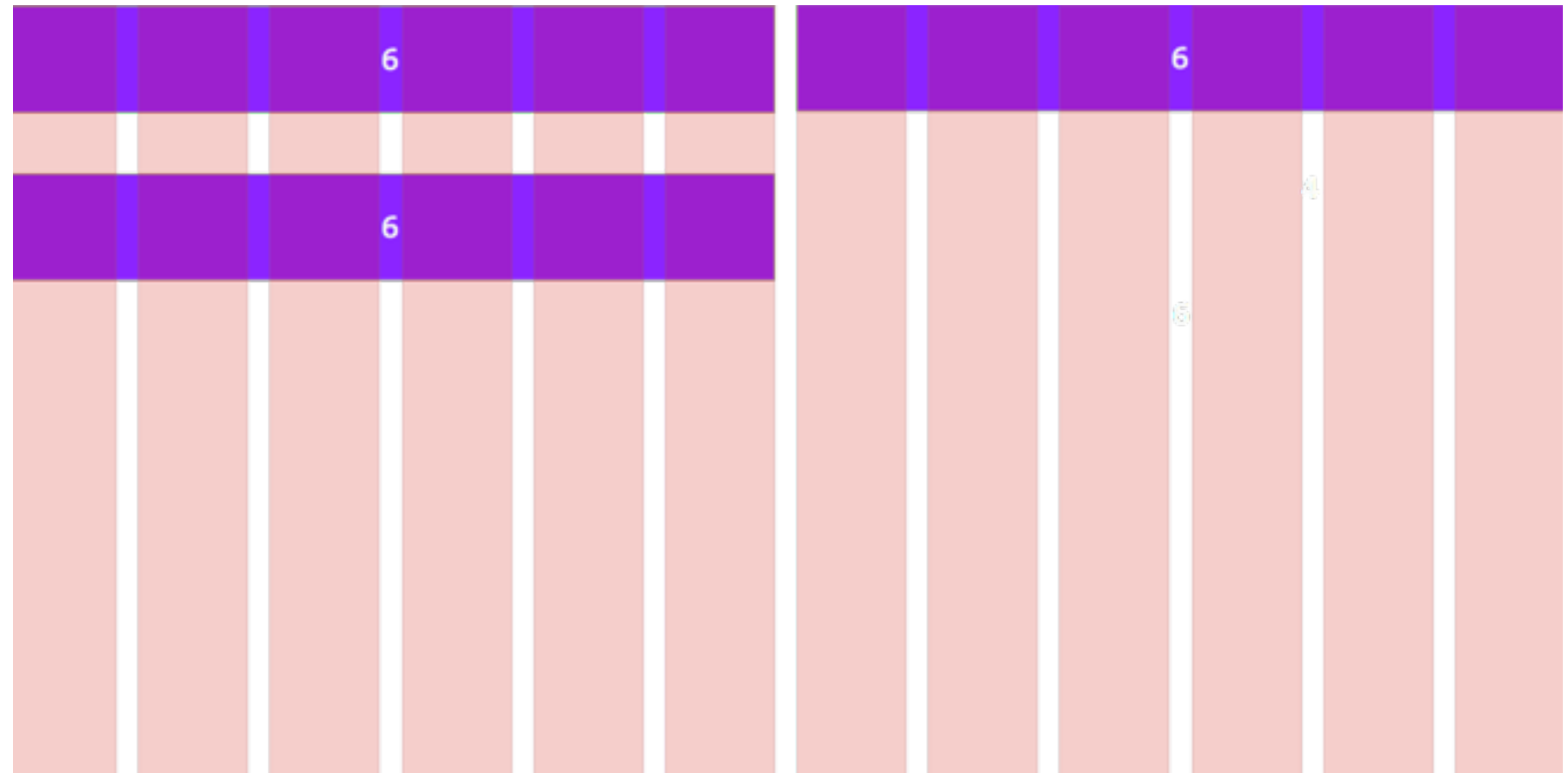
```
    <div class="col-xs-6">
```

```
    <div class="col-xs-6">
```

```
    <div class="col-xs-6">
```

```
  </div>
```

```
</div>
```



2 colonnes



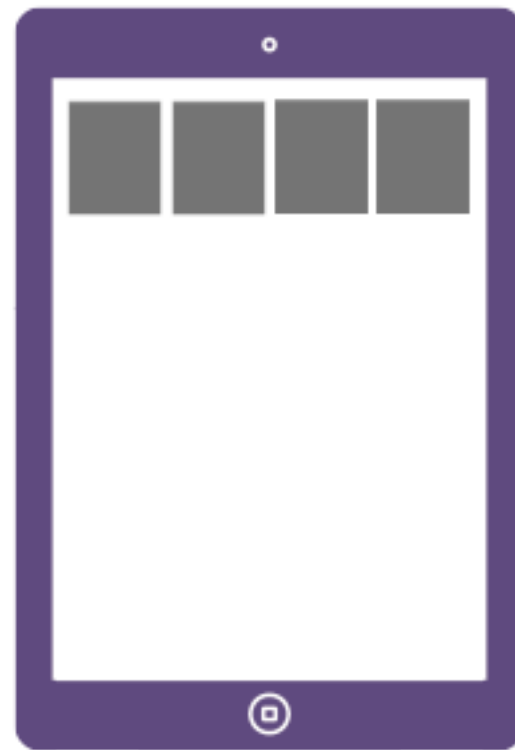
$12 \text{ colonnes} / 2 = 6 \text{ de large}$

# Code

```
1 <div class="container">
2   <div class="row">
3     <div class="col-xs-6">
4       <!-- Le contenu de la colonne de gauche -->
5     </div>
6     <div class="col-xs-6">
7       <!-- Le contenu de la colonne de droite -->
8     </div>
9   </div>
10 </div>
```



4 divs

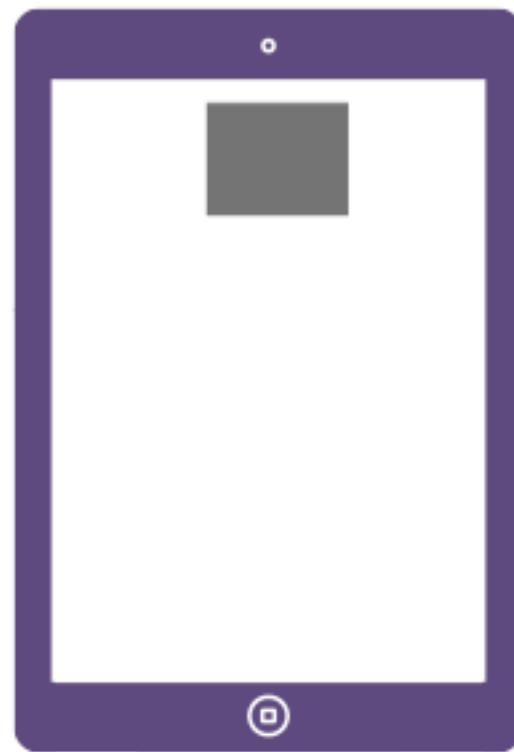


2 colonnes sur mobile  
4 colonnes sur tablette et +

# Code

```
1 <div class="container">
2   <div class="row">
3     <div class="col-xs-6 col-sm-3"></div>
4     <div class="col-xs-6 col-sm-3"></div>
5     <div class="col-xs-6 col-sm-3"></div>
6     <div class="col-xs-6 col-sm-3"></div>
7   </div>
8 </div>
```

## *Offset*



Affichage en 3 colonnes, première  
colonne « vide » (offset).

# Code

```
1 <div class="container">
2   <div class="row">
3     <div class="col-sm-offset-4 col-sm-4">
4       <!-- Le contenu de la div centrée -->
5     </div>
6   </div>
7 </div>
```

# Résumé

Largeur du navigateur

**container > row > col-\*\*\***

à **ne pas** oublier

Nombre de colonnes utilisées (1 à 12)

divise l'élément parent en **12**

