GRID

```html
<div class="grid-container">
  <div class="grid-item">1</div>
  <div class="grid-item">2</div>
  <div class="grid-item">3</div>
  <div class="grid-item">4</div>
  <div class="grid-item">5</div>
  <div class="grid-item">6</div>
  <div class="grid-item">7</div>
  <div class="grid-item">8</div>
  <div class="grid-item">9</div>
</div>
```

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

```css
.grid-container {
  display: inline-grid;
}
```

column-gap
row-gap
gap

```css
.grid-container {
  display: grid;
  column-gap: 50px;
}
```

```css
.grid-container {
  display: grid;
  row-gap: 50px;
}
```

```css
.grid-container {
  display: grid;
  gap: 50px;
}
```

```css
.grid-container {
  display: grid;
  gap: 50px 100px;
}
```

<!DOCTYPE html>

```html
<html>
<head>
<style>
.item1 { grid-area: header; }
.item2 { grid-area: menu; }
.item3 { grid-area: main; }
.item4 { grid-area: right; }
.item5 { grid-area: footer; }

.grid-container {
  display: grid;
  grid-template-areas:
    'header header header header header header'
    'menu main main main right right'
    'menu footer footer footer footer footer';
  gap: 10px;
  background-color: #2196F3;
  padding: 10px;
}

.grid-container > div {
  background-color: rgba(255, 255, 255, 0.8);
  text-align: center;
padding: 20px 0;
  font-size: 30px;
}
</style>
</head>
<body>

<h1>Grid Layout</h1>

<p>This grid layout contains six columns and three rows:</p>

<div class="grid-container">
  <div class="item1">Header</div>
  <div class="item2">Menu</div>
  <div class="item3">Main</div>
  <div class="item4">Right</div>
  <div class="item5">Footer</div>
</div>

</body>
</html>
```
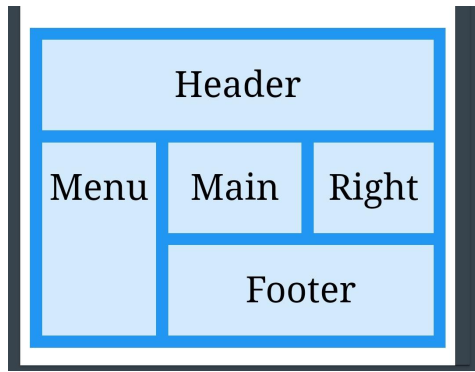
```
<!DOCTYPE html>
<html>
<head>
<style>
.grid-container {
  display: grid;
  grid-template-columns: auto auto auto;
  gap: 10px;
  background-color: #2196F3;
  padding: 10px;
}

.grid-container > div {
  background-color: rgba(255, 255, 255, 0.8);
  text-align: center;
  padding: 20px 0;
  font-size: 30px;
}

.item1 {
  grid-column-start: 1;
  grid-column-end: 3;
}
</style>
</head>
<body>

<h1>Grid Lines</h1>

<div class="grid-container">
  <div class="item1">1</div>
  <div class="item2">2</div>
  <div class="item3">3</div>
  <div class="item4">4</div>
  <div class="item5">5</div>
  <div class="item6">6</div>
  <div class="item7">7</div>
```

```
  <div class="item8">8</div>
</div>
```

`<p>You can refer to line numbers when placing grid items.</p>`

```
</body>
</html>
```

Grid Lines

1		2
3	4	5
6	7	8