

SVG

Scalable Vector Graphics

Container defines coordinate system to embed SVG fragments within HTML document

```
<svg viewBox="0 0 300 100" stroke="red" fill="grey">  
  <circle cx="50" cy="50" r="40" />  
  <rect width="100" height="100" />  
  <svg viewBox="0 0 10 10" x="200" width="100">  
    <circle cx="5" cy="5" r="4" />  
  </svg>  
</svg>
```

Lines

Use SVG's line element to draw lines

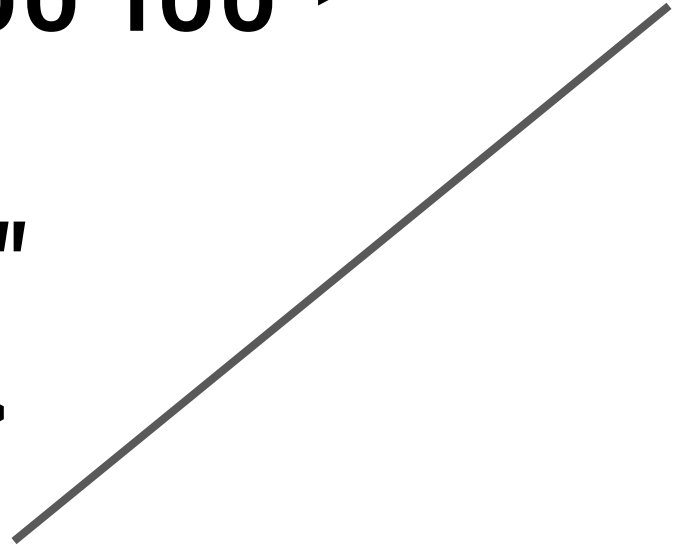
```
<svg viewBox="0 0 100 100">
```

```
  <line x1="0" y1="80"
```

```
    x2="100" y2="20"
```

```
    stroke="black" />
```

```
</svg>
```



Rectangle

Use SVG's rect element to draw rectangles

```
<svg viewBox="0 0 220 100">
```

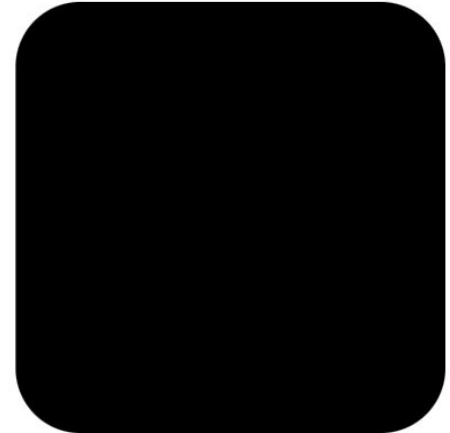
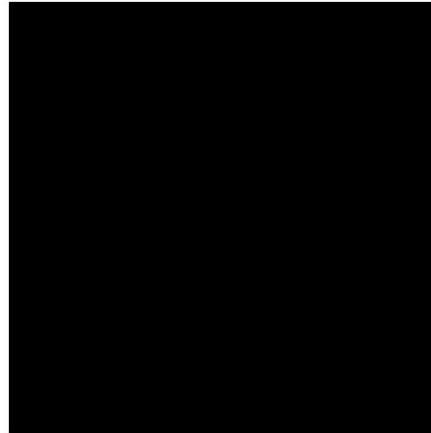
```
  <rect width="100" height="100" />
```

```
  <rect x="120" width="100"
```

```
    height="100"
```

```
    rx="15" />
```

```
</svg>
```



Circle

Use SVG's rect element to draw rectangles

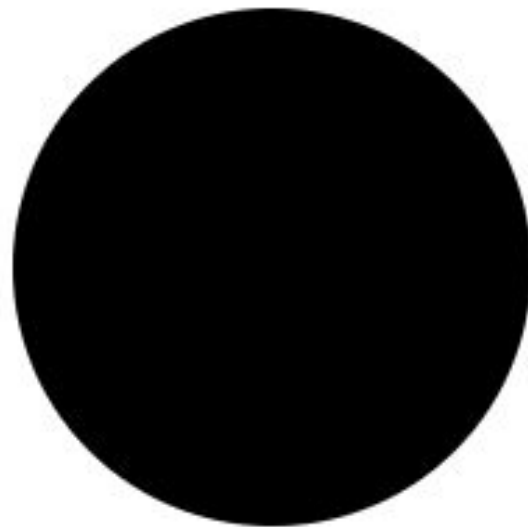
```
<svg viewBox="0 0 100 100">
```

```
  <circle cx="50"
```

```
    cy="50"
```

```
    r="50"/>
```

```
</svg>
```



Polygon

Use SVG's polygon element to draw polygons

```
<svg viewBox="0 0 200 100">
```

```
  <polygon points="0,100 50,25 50,75 100,0" />
```

```
  <polygon points="100,100 150,25 150,75 200,0"  
    fill="none" stroke="black" />
```

```
</svg>
```

