

```
library("VennDiagram")
```

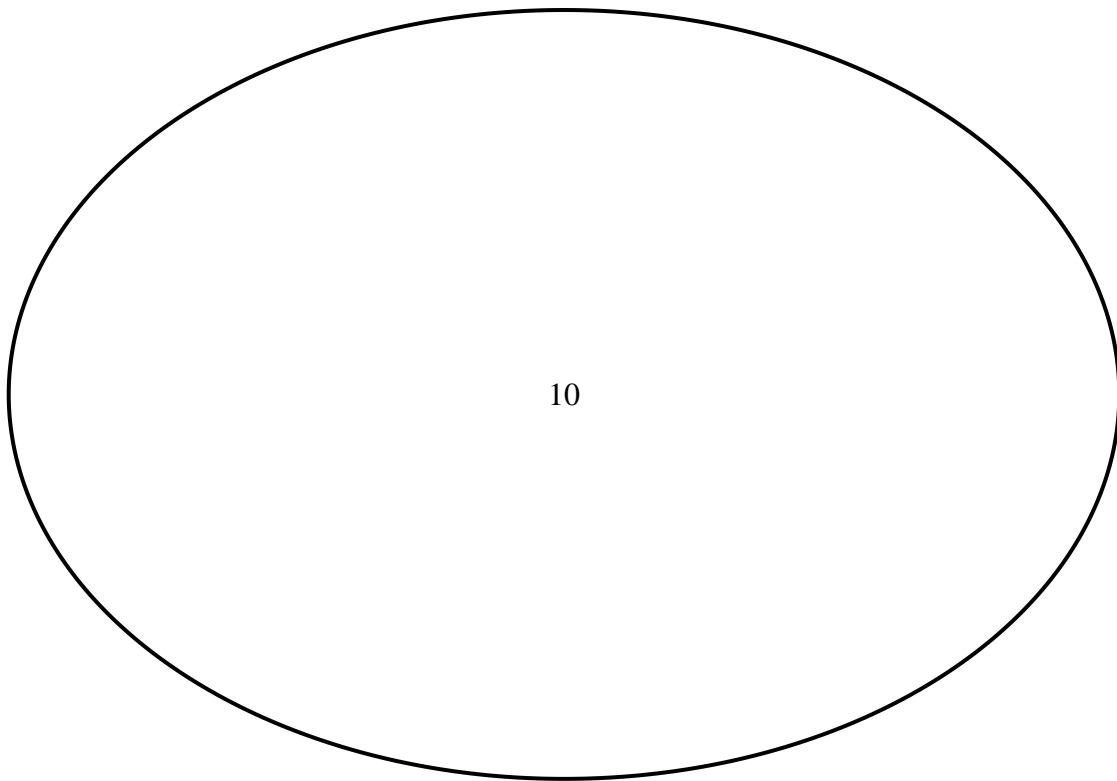
```
## Loading required package: grid
```

```
## Loading required package: futile.logger
```

```
# Example 1
```

```
grid.newpage()
```

```
draw.single.venn(area=10)
```

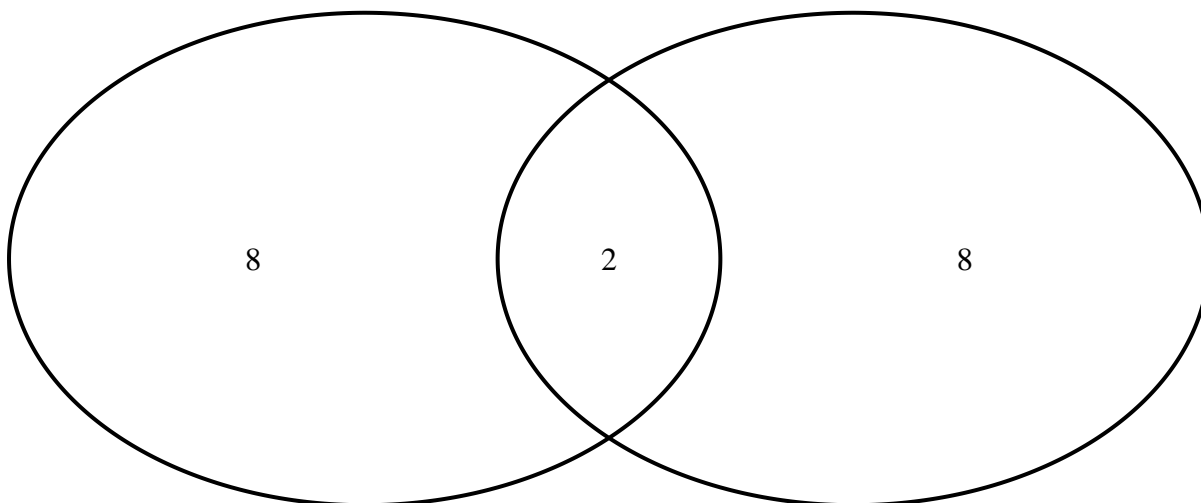


```
## (polygon[GRID.polygon.1], polygon[GRID.polygon.2], text[GRID.text.3], text[GRID.text.4])
```

```
# Example 2
```

```
grid.newpage()
```

```
draw.pairwise.venn(area1=10, area2=10, cross.area=2)
```

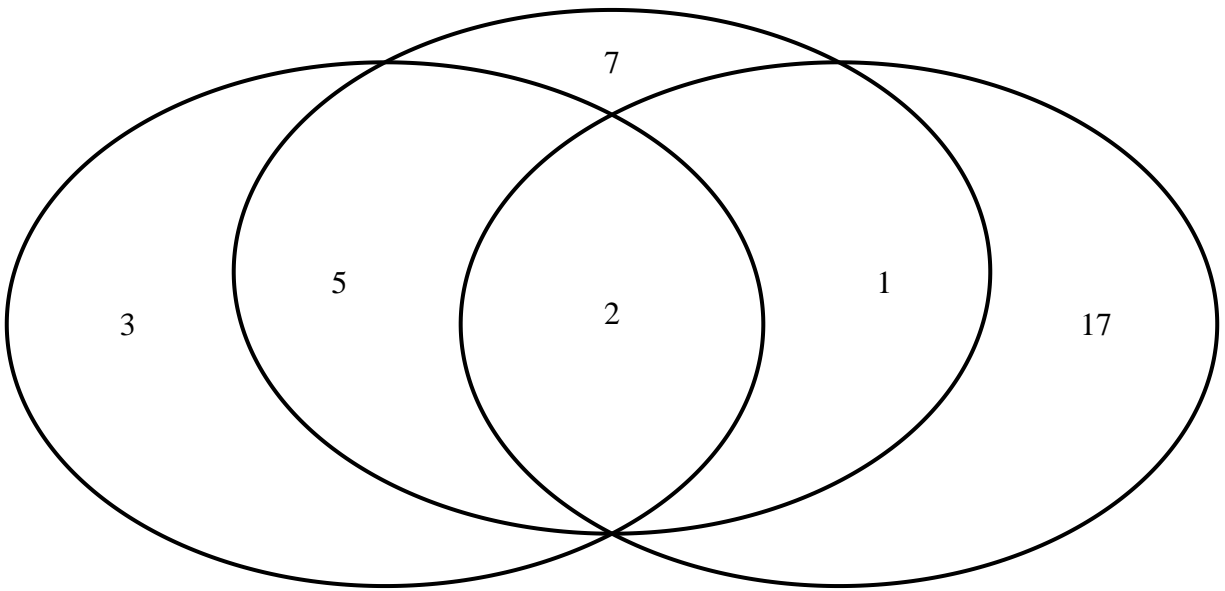


```
## (polygon[GRID.polygon.5], polygon[GRID.polygon.6], polygon[GRID.polygon.7], polygon[GRID.polygon.8],
```

```
# Example 3
```

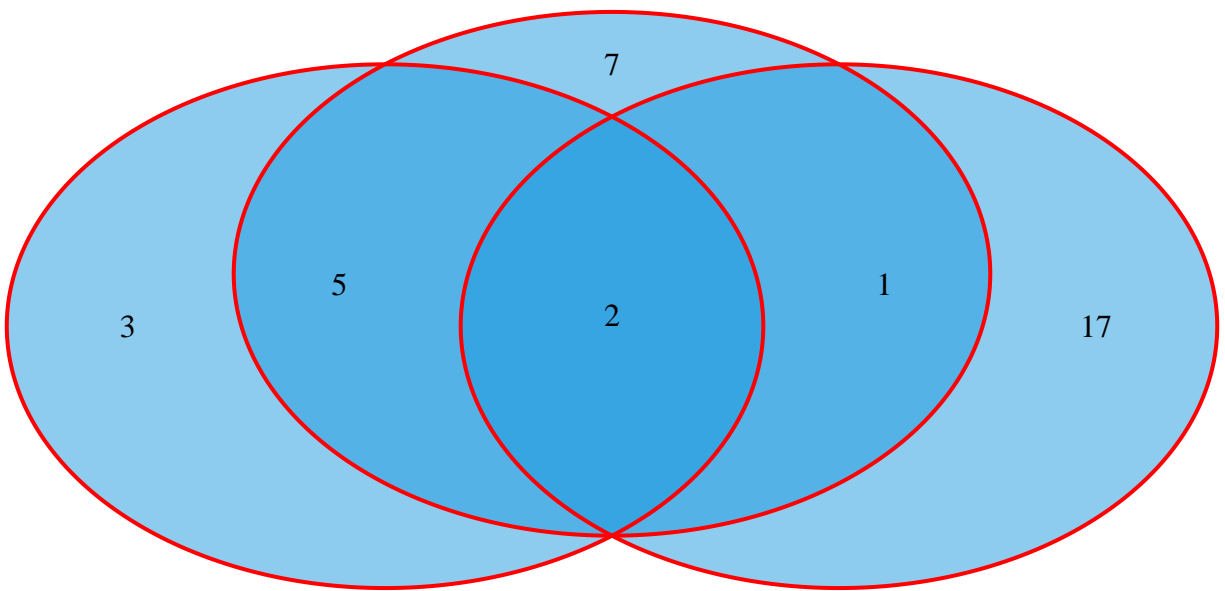
```
grid.newpage()
```

```
draw.triple.venn(area1=10,  
                  area2=20,  
                  area3=15,  
                  n12=2,  
                  n23=3,  
                  n13=7,  
                  n123=2)
```



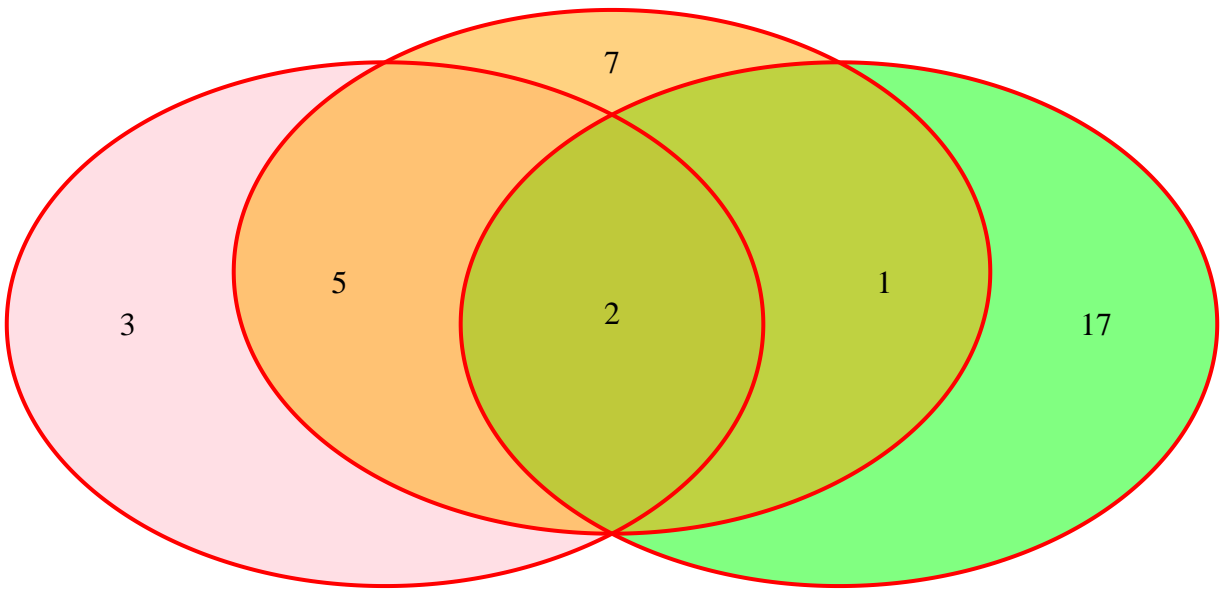
```
## (polygon[GRID.polygon.14], polygon[GRID.polygon.15], polygon[GRID.polygon.16], polygon[GRID.polygon.17])
```

```
# Example 4
grid.newpage()
draw.triple.venn(area1=10,
                  area2=20,
                  area3=15,
                  n12=2,
                  n23=3,
                  n13=7,
                  n123=2,
                  col="red",
                  fill="#1b98e0")
```



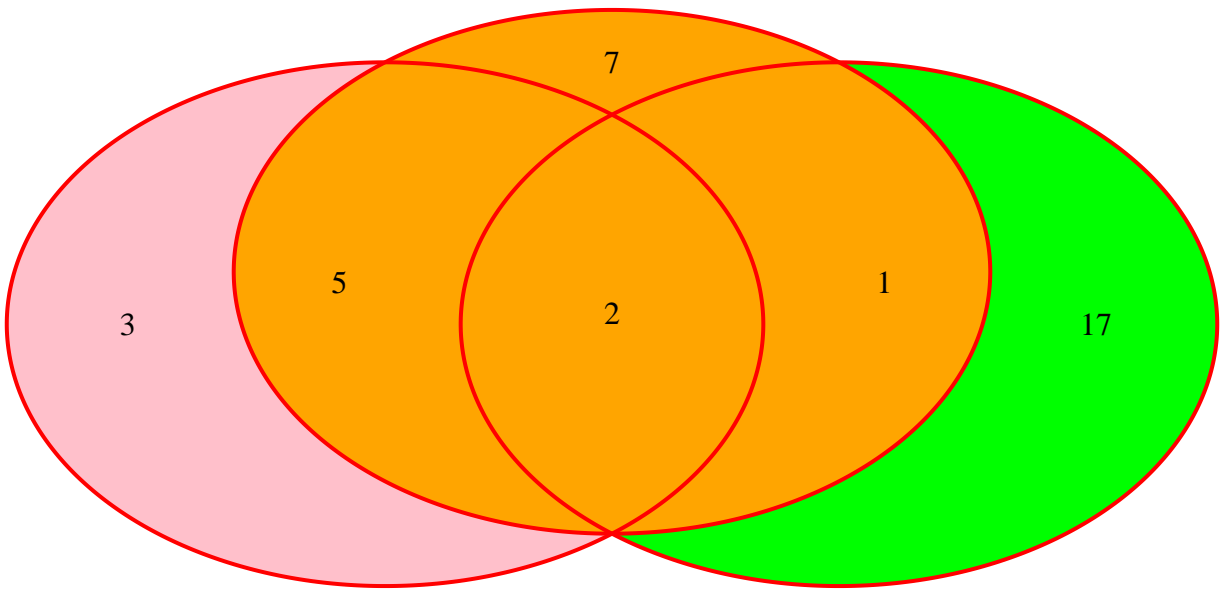
```
## (polygon[GRID.polygon.29], polygon[GRID.polygon.30], polygon[GRID.polygon.31], polygon[GRID.polygon.32])
```

```
# Example 5
grid.newpage()
draw.triple.venn(area1=10,
                  area2=20,
                  area3=15,
                  n12=2,
                  n23=3,
                  n13=7,
                  n123=2,
                  col="red",
                  fill=c("pink", "green", "orange"))
```



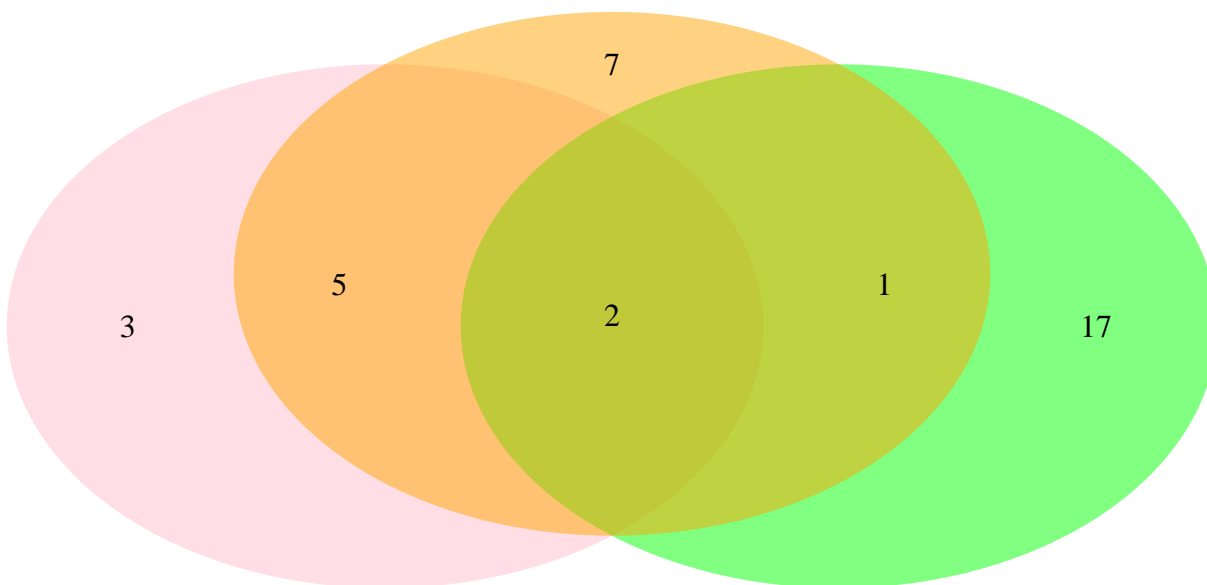
```
## (polygon[GRID.polygon.44], polygon[GRID.polygon.45], polygon[GRID.polygon.46], polygon[GRID.polygon.47])
```

```
# Example 6
grid.newpage()
draw.triple.venn(area1=10,
                  area2=20,
                  area3=15,
                  n12=2,
                  n23=3,
                  n13=7,
                  n123=2,
                  col="red",
                  fill=c("pink", "green", "orange"),
                  alpha=1)
```



```
## (polygon[GRID.polygon.59], polygon[GRID.polygon.60], polygon[GRID.polygon.61], polygon[GRID.polygon.62])
```

```
# Example 7
grid.newpage()
draw.triple.venn(area1=10,
                  area2=20,
                  area3=15,
                  n12=2,
                  n23=3,
                  n13=7,
                  n123=2,
                  fill=c("pink", "green", "orange"),
                  lty="blank")
```

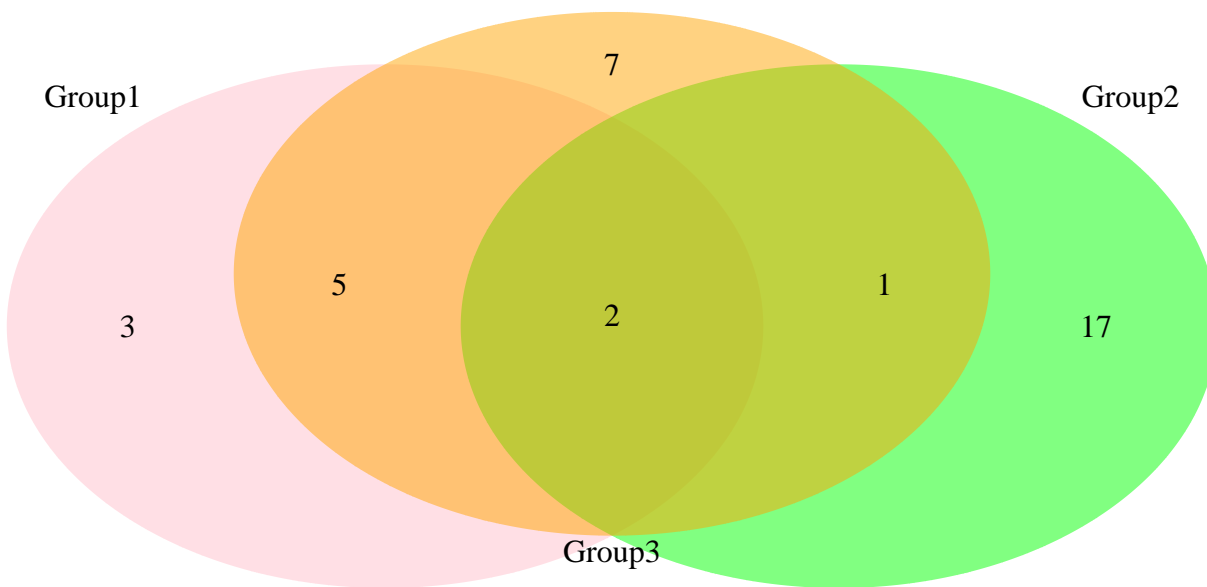


```
## (polygon[GRID.polygon.74], polygon[GRID.polygon.75], polygon[GRID.polygon.76], polygon[GRID.polygon.77])
```

```
# Example 8
```

```
grid.newpage()
```

```
draw.triple.venn(area1=10,
                  area2=20,
                  area3=15,
                  n12=2,
                  n23=3,
                  n13=7,
                  n123=2,
                  fill=c("pink","green","orange"),
                  lty="blank",
                  category= c("Group1","Group2","Group3"))
```



```
## (polygon[GRID.polygon.89], polygon[GRID.polygon.90], polygon[GRID.polygon.91], polygon[GRID.polygon.92])
```