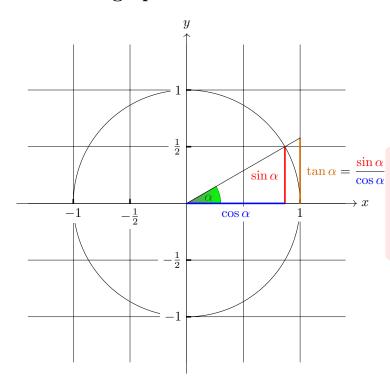
## 1 Karl's graph

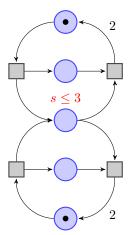


 $\frac{\sin \alpha}{\cos \alpha}$  The angle  $\alpha$  is 30° in the example  $(\pi/6 \text{ in radian})$ . The sine of  $\alpha$  which is the height of the red line is

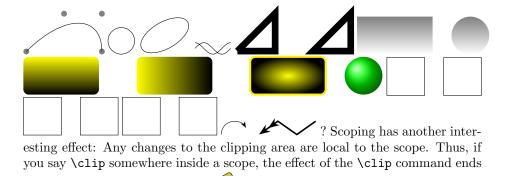
$$\sin \alpha = 1/2.$$

By the theorem of Pythagoras,...

## 2 Petri Nets

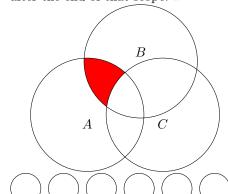


Curved Path Construction.



after the end of that scope.  $\|$ 

x = 1, x = 2, x = 3,



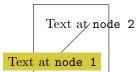
loops to create interesting effects.

100Ps to create interesting eneces							
1,5	2,5	3,5	4,5	5,5			
1,4	2,4	3,4	4,4	5,4			
1,3	2,3	3,3	4,3	5,3			
1,2	2,2	3,2	4,2	5,2			
1,1	2,1	3,1	4,1	5,1			

Labeling examples using TikZ.

7,5	8,5	9,5	10,5	11,5	12,5
7,4	8,4	9,4	10,4	11,4	12,4
7,3	8,3	9,3	10,3	11,3	12,3
7,2	8,2	9,2	10,2	11,2	12,2
7,1	8,1	9,1	10,1	11,1	12,1

We can also nest



You can also position labels on curves and, by adding the sloped option, have them rotated such that they match the line's slope.

