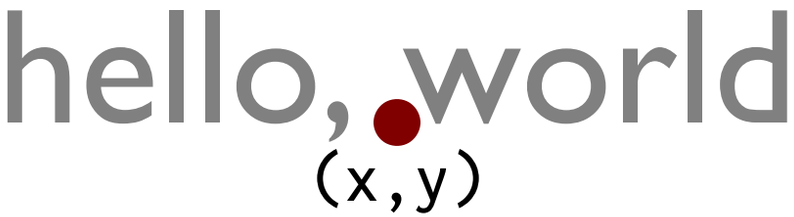
decksh reference

Text

Left-aligned text	`text`	`"..." x y fontsize [font] [color] [op] [link]`
Centered text	`ctext`	`"..." x y fontsize [font] [color] [op] [link]`
End-Aligned text	`etext`	`"..." x y fontsize [font] [color] [op] [link]`
Rotated text	`rtext`	`"..." x y angle fontsize [font] [color] [op] [link]`
Text on an arc	`arctext`	`"..." cx cy rad a1 a2 fontsize [font] [color] [op] [link]`
Block text	`textblock`	`"..." x y width fontsize [font] [color] [op] [link]`
Text from a file	`textfile`	`"file" x y fontsize [font] [color] [op] [spacing]`
Code listing	`textcode`	`"file" x y width fontsize [color]`

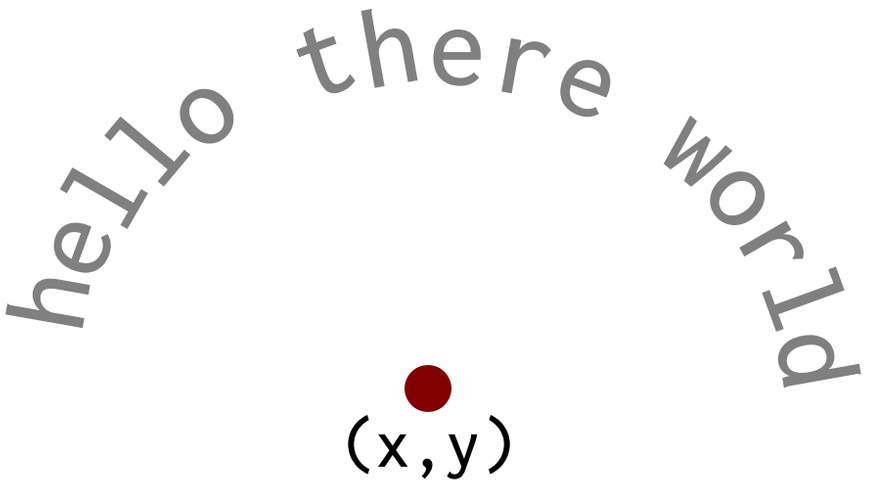

```
text "..." x y fontsize [font] [color] [op] [link]
```



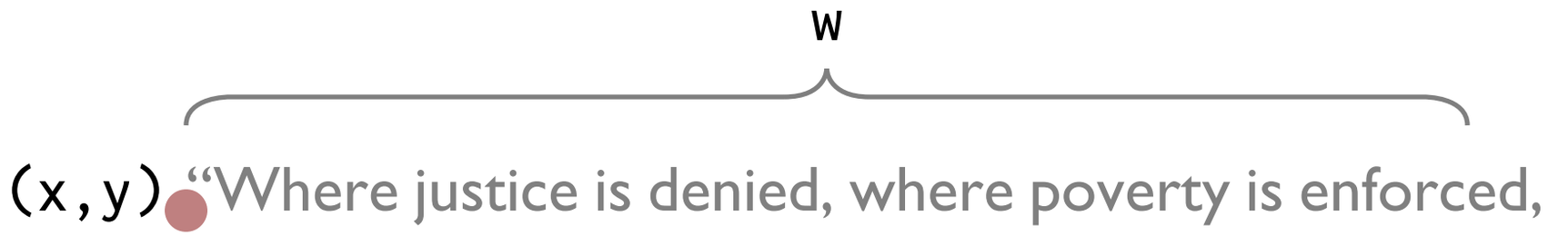

```
ctext "..." x y fontsize [font] [color] [op] [link]
```


```
etext "..." x y fontsize [font] [color] [op] [link]
```

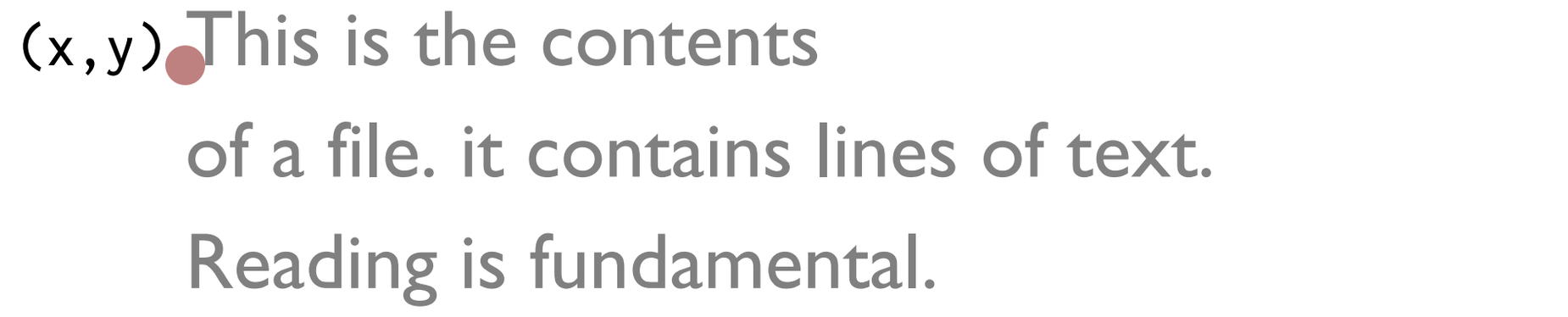
rtext "..." x y angle fontsize [font] [color] [op] [link]



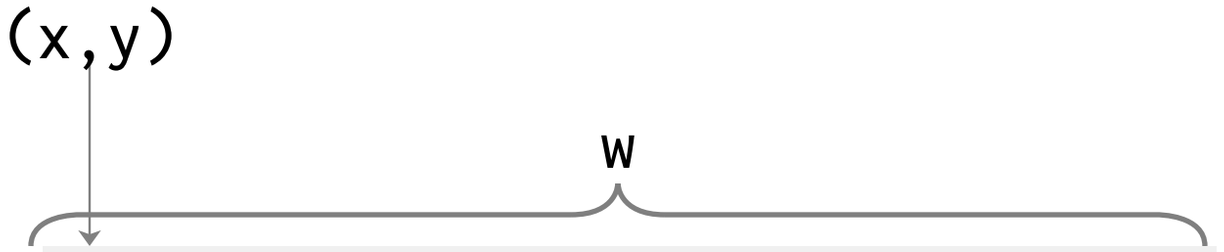
arctext "..." x y radius a1 a2 fontsize [font] [color] [op]




```
textblock "..." x y w fontsize [font] [color] [op]
```




```
textfile "filename" x y fontsize [font] [color] [op]
```

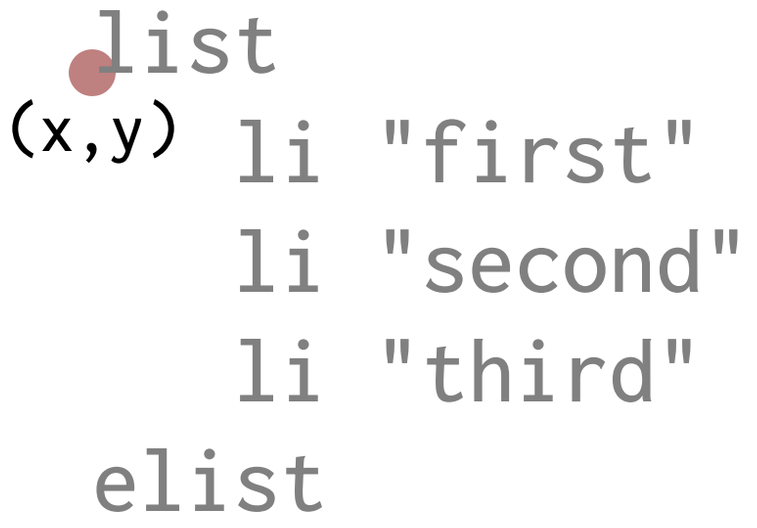



```
package main

import "fmt"

func main() {
    fmt.Println("hello, world")
}
```

textcode "filename" x y w fontsize [color]

Lists

Plain list	`list`	`x y size [font] [color] [op] [spacing]`
Bullet list	`blist`	`x y size [font] [color] [op] [spacing]`
Numbered list	`nlist`	`x y size [font] [color] [op] [spacing]`
Centered list	`clist`	`x y size [font] [color] [op] [spacing]`




```
list x y size [font] [color] [op] [spacing]
```

one

two

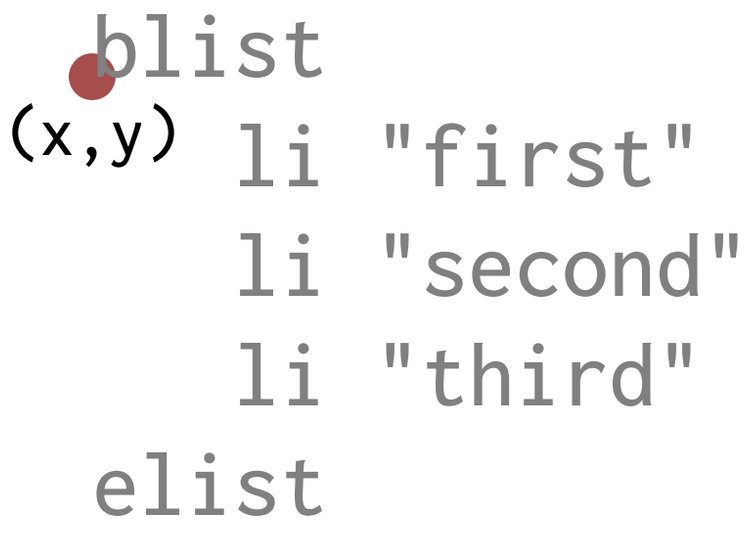
three

four

one
two
three
four

```
list 20 35 2.5
```

```
list 60 35 4 "serif" kwcolor 100 1.0
```



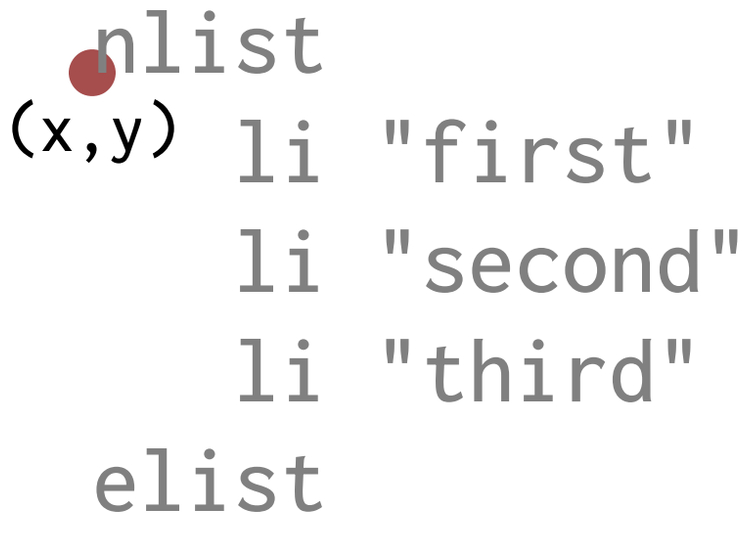

```
blist x y size [font] [color] [op] [spacing]
```

- one
- two
- three
- four

```
blist 20 35 2.5
```

- *one*
- *two*
- *three*
- *four*

```
blist 60 35 4 "serif" kwcolor 100 1.0
```



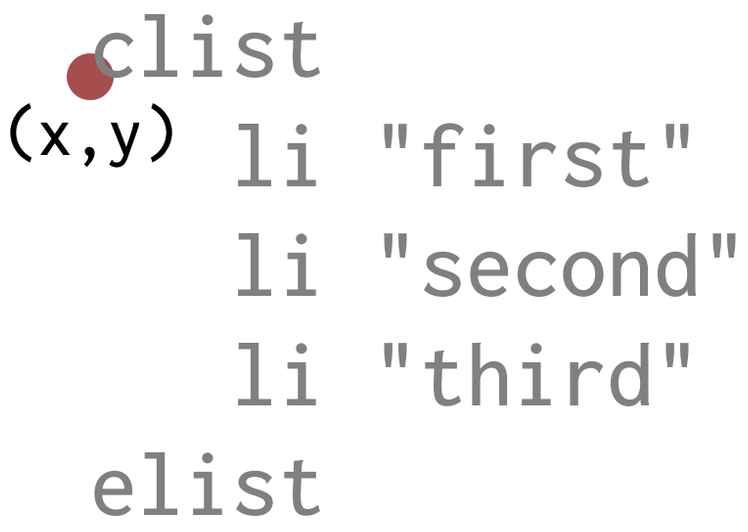
nlist x y size [font] [color] [op] [spacing]

1. one
2. two
3. three
4. four

1. one
2. two
3. three
4. four

nlist 20 35 2.5

nlist 60 35 4 "serif" kwcolor 100 1.0




```
clist x y size [font] [color] [op] [spacing]
```

first one

second

third

four and last

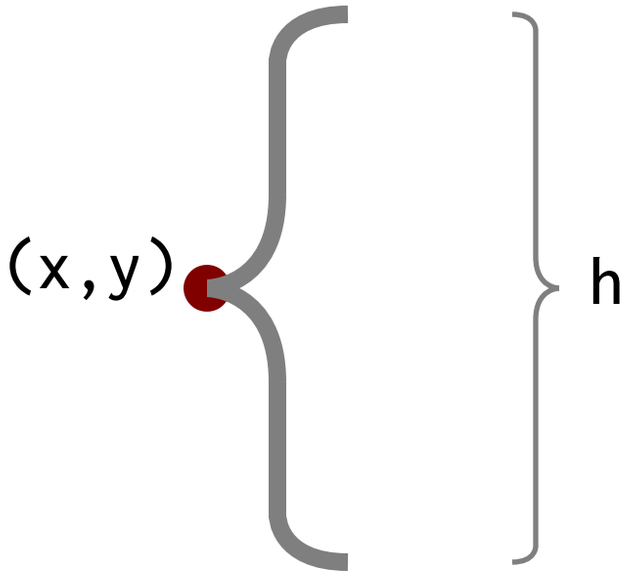
```
clist 20 35 2.5
```

first one
second
third
four and last

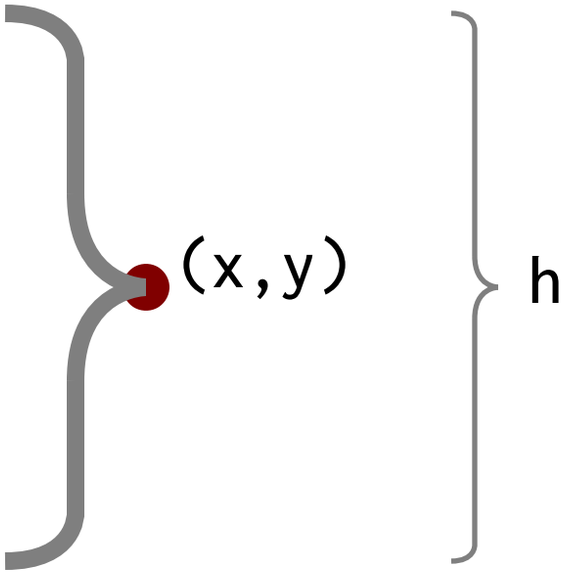
```
clist 60 35 4 "serif" kwcolor 100 1.0
```

Braces

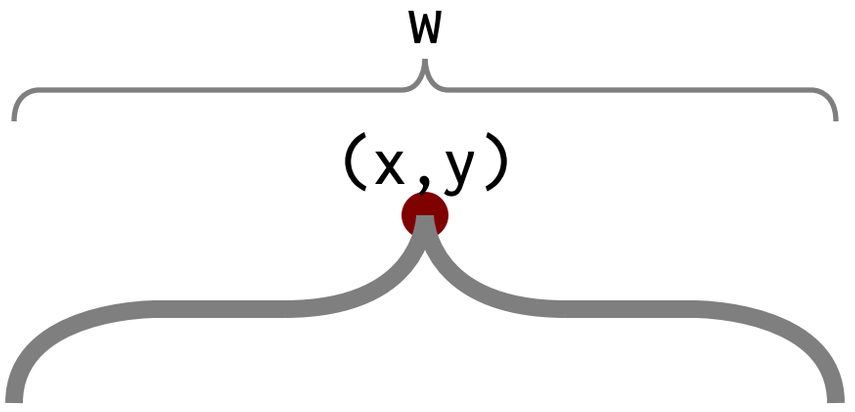
Left brace	`lbrace`	`x y size w h [lw] [color] [op]`
Right brace	`rbrace`	`x y size w h [lw] [color] [op]`
Up brace	`ubrace`	`x y size w h [lw] [color] [op]`
Down brace	`dbrace`	`x y size w h [lw] [color] [op]`



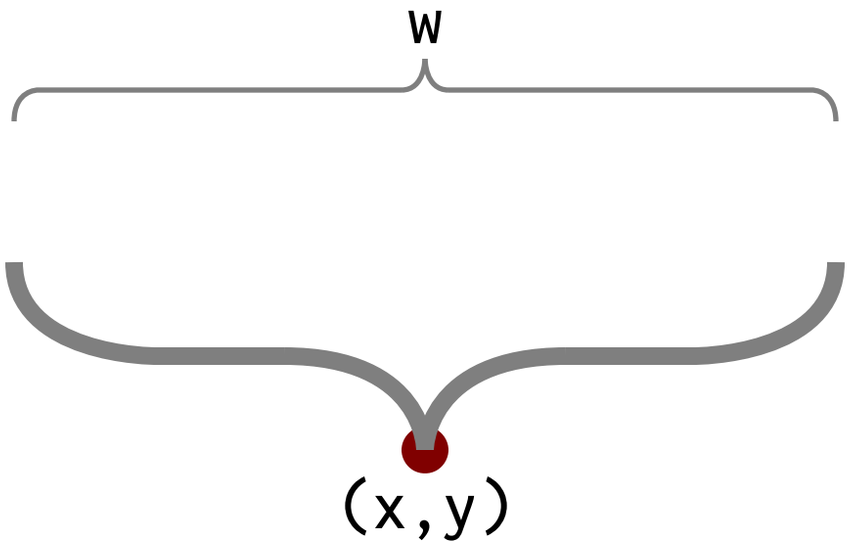

```
lbrace x y h bw bh [lw] [color] [op]
```



rbrace x y h bw bh [lw] [color] [op]




```
ubrace x y w bw bh [lw] [color] [op]
```

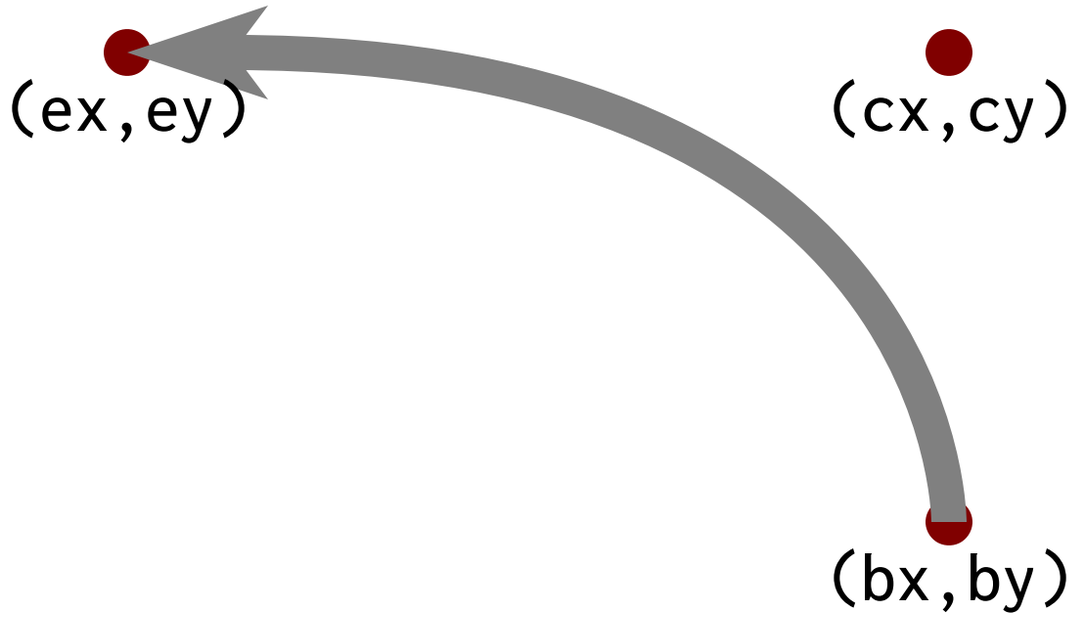


dbrace x y w bw bh [lw] [color] [op]

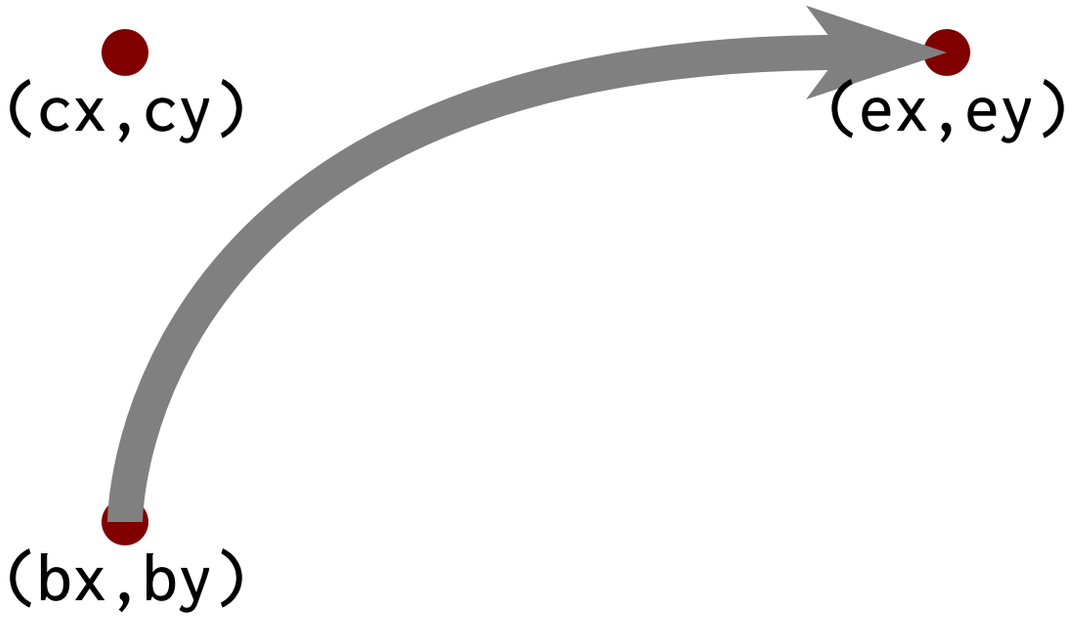
Arrows

Straight	`arrow`	`x1 y1 x2 y2 [lw] [width] [height] [color] [op]`
Left curved	`lcarrow`	`bx by cx cy ex ey [lw] [width] [height] [color] [op]`
Right curved	`rcarrow`	`bx by cx cy ex ey [lw] [width] [height] [color] [op]`
Up curved	`ucarrow`	`bx by cx cy ex ey [lw] [width] [height] [color] [op]`
Down curved	`dcarrow`	`bx by cx cy ex ey [lw] [width] [height] [color] [op]`

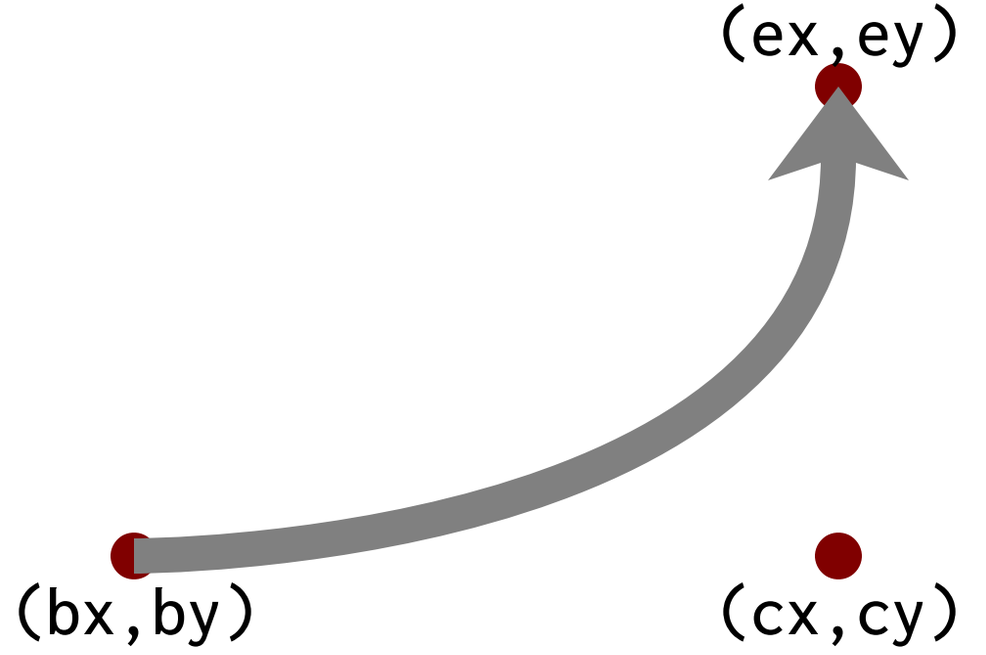

```
arrow x1 y1 x2 y2 [lw] [aw] [ah] [color] [op]
```



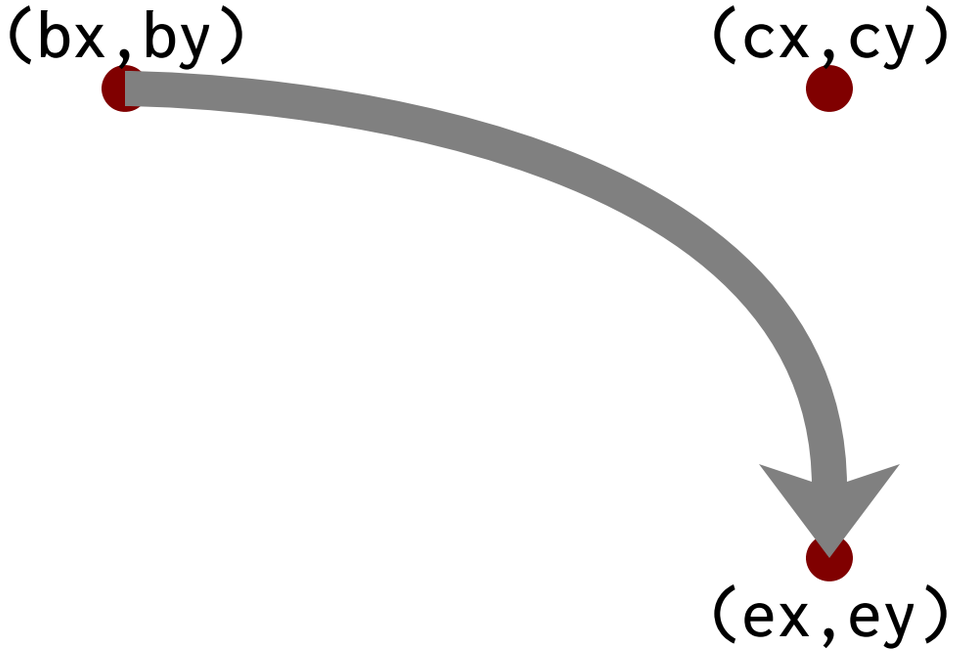
lcarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]



rcarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]



ucarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]



dcarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]

Images

Image	`image`	`"file" x y width height [scale] [link]`
Captioned image	`cimage`	`"file" "caption" x y width height [scale] [link]`

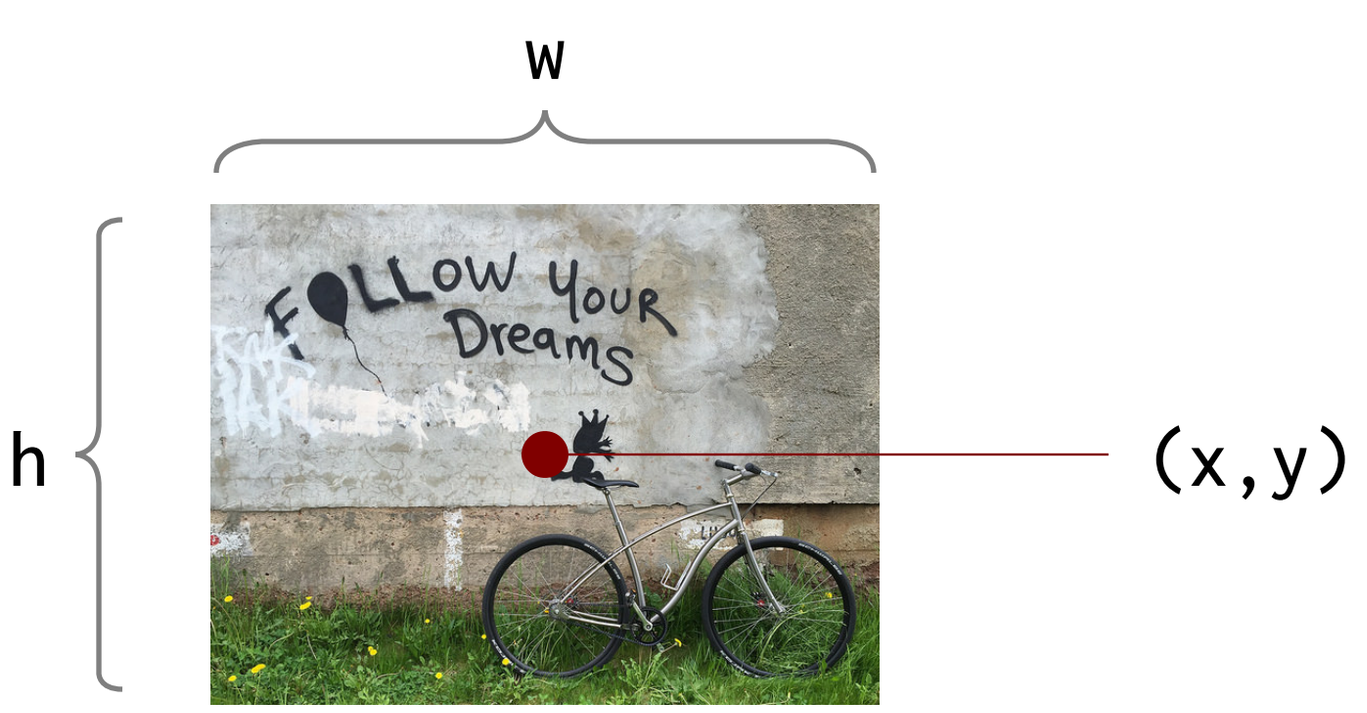
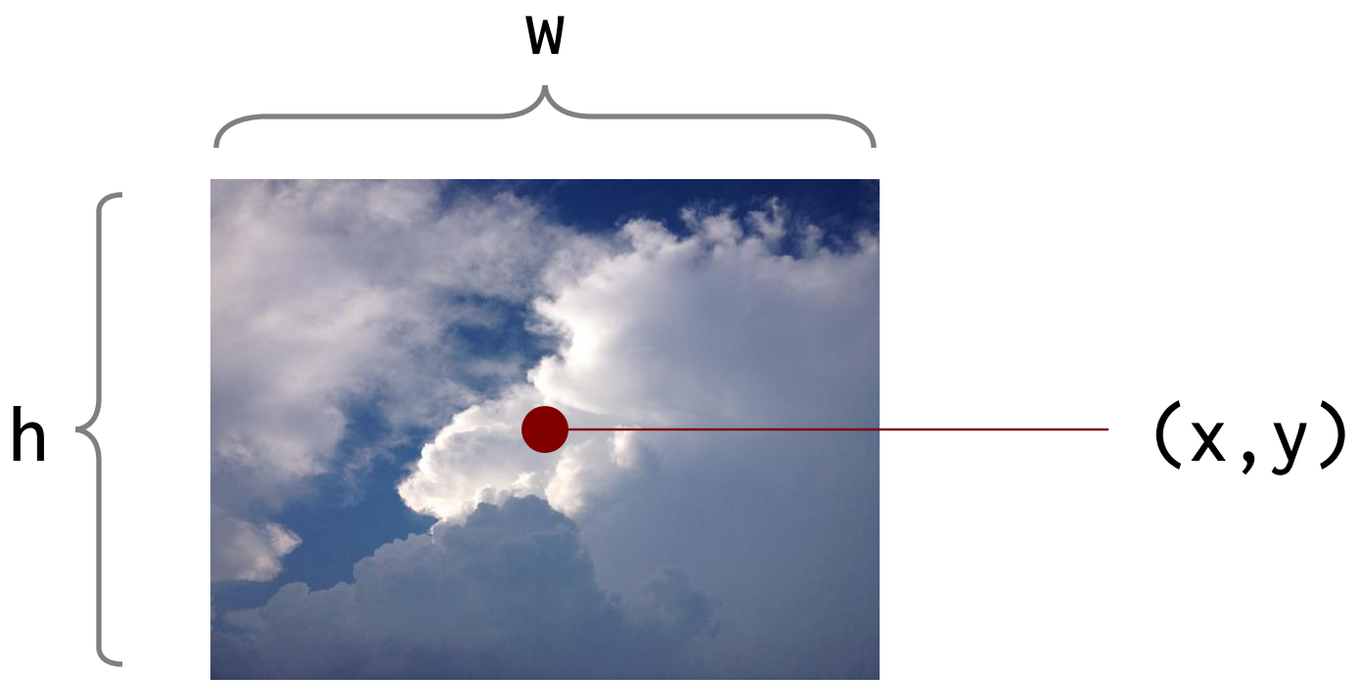


image x y w h [scale] [link]

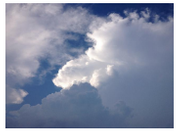
image "follow.jpg" 22 25 640 480 10

image "follow.jpg" 72 25 640 480 30



cloudy

```
cimage "caption" x y w h [scale] [link] [capsize]
```



sky

sky

```
cimage "cloudy.jpg" "sky" 22 25 640 480 10
```

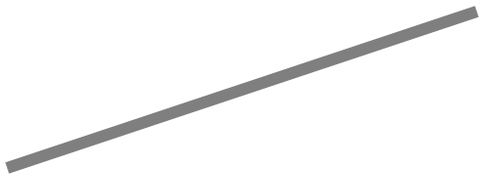
```
cimage "cloudy.jpg" "sky" 72 25 640 480 30 "" 1.5
```

Graphics

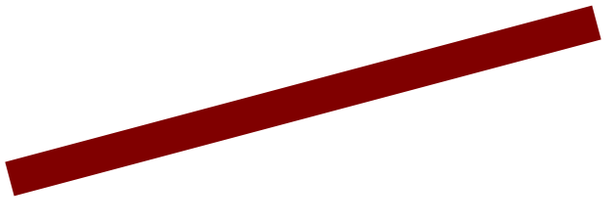
Line	`line`	`x1 y1 x2 y2 lw [color] [op]`
Horizontal line	`hline`	`x y length [lw] [color] [op]`
Vertical line	`vline`	`x y length [lw] [color] [op]`
Circle	`circle`	`x y w [color] [op]`
Area circle	`acircle`	`x y area [color] [op]`
Square	`square`	`x y w [color] [op]`
Rectangle	`rect`	`x y w h [color] [op]`
Rounded rectangle	`rrect`	`x y w h [color]`
Pill shape	`pill`	`x y w h [color]`
Ellipse	`ellipse`	`x y w h [color] [op]`
Quadratic Bezier	`curve`	`bx by cx cy ex ey [lw] [color] [op]`
Elliptical arc	`arc`	`x y w h a1 a2 [lw] [color] [op]`
Polygon	`polygon`	`"x1 x2...xn" "y1 y2...yn" [lw] [color] [op]`
N-sided star	`star`	`x y nsides inner outer [color] [op]`

line x1 y1 x2 y2 lw [color] [op]

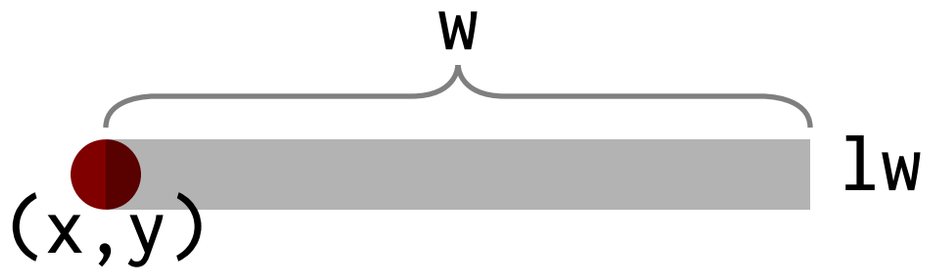
line 10 20 30 20



line 40 20 60 30 0.5



line 70 20 95 30 1.5 "red"

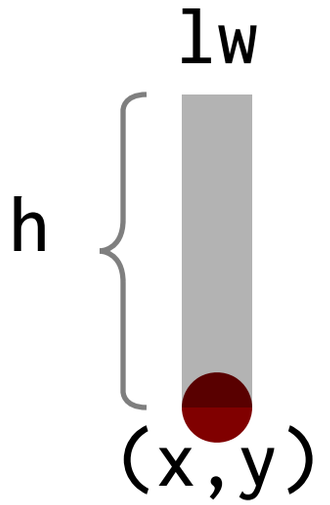


hline x y w [lw] [color] [op]

hline 15 20 10

hline 40 20 20 1

hline 70 20 20 5 "red" 20

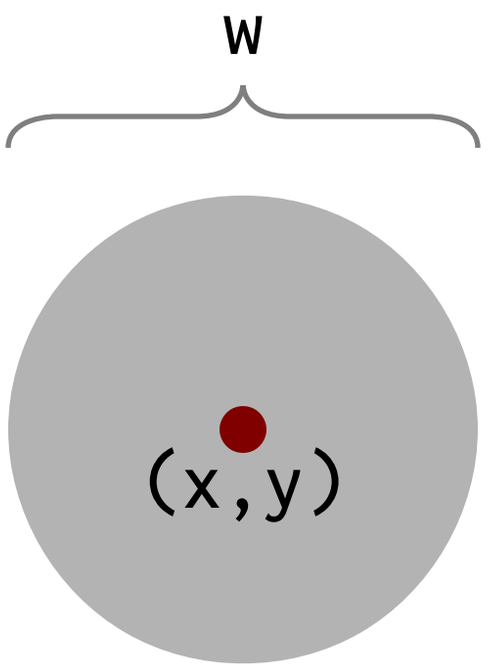


vline x y h [lw] [color] [op]

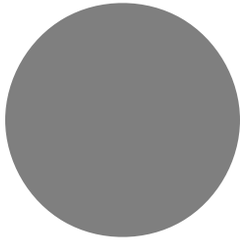
vline 20 20 15

vline 50 20 15 2

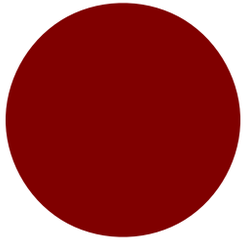
vline 80 20 15 10 "red" 20



circle x y w [color] [op]

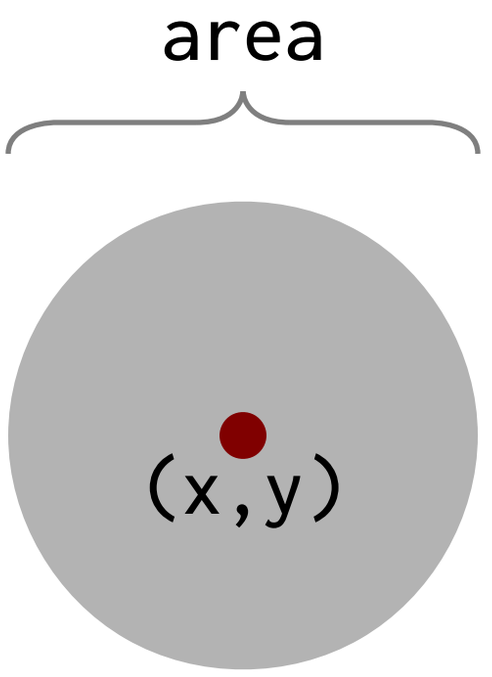


circle 20 20 10



circle 50 20 10 "red"

circle 80 20 5 "red" 20

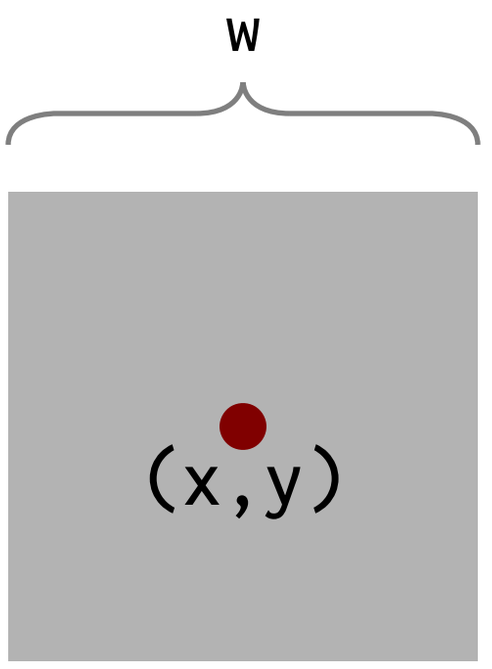


acircle x y area [color] [op]

acircle 20 20 10

acircle 50 20 10 "red"

acircle 80 20 5 "red" 20

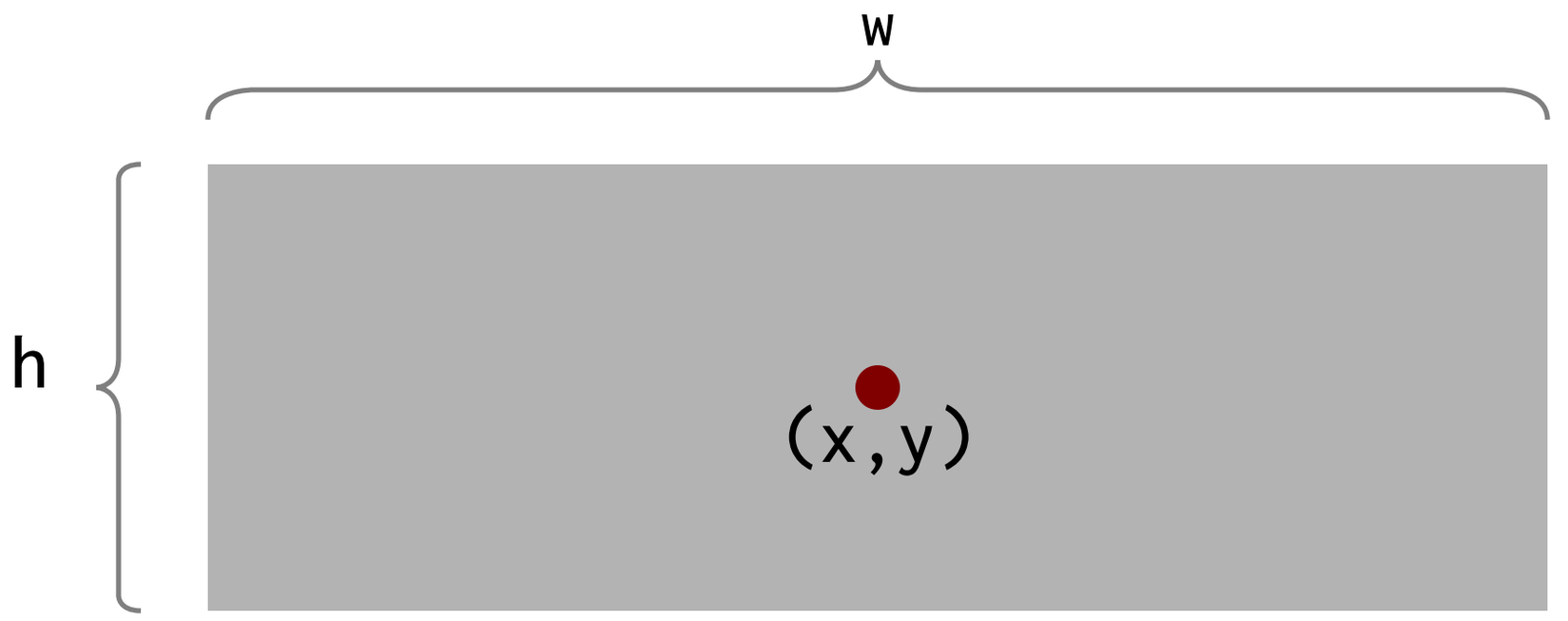


square x y w [color] [op]

square 20 20 10

square 50 20 10 "red"

square 80 20 5 "red" 20

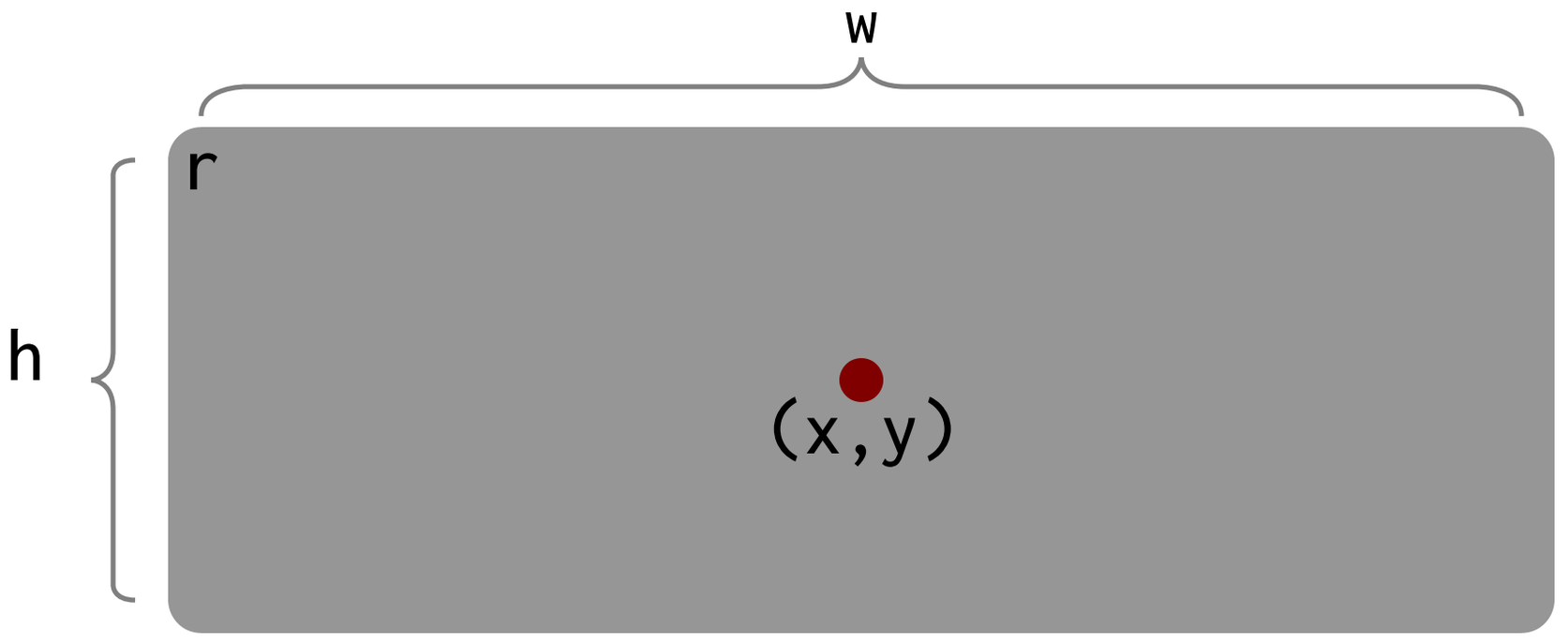



```
rect x y w h [color] [op]
```

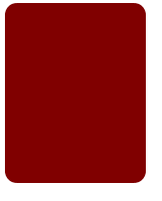
```
rect 20 20 10 5
```

```
rect 50 20 10 5 "red"
```

```
rect 80 20 5 10 "red" 20
```

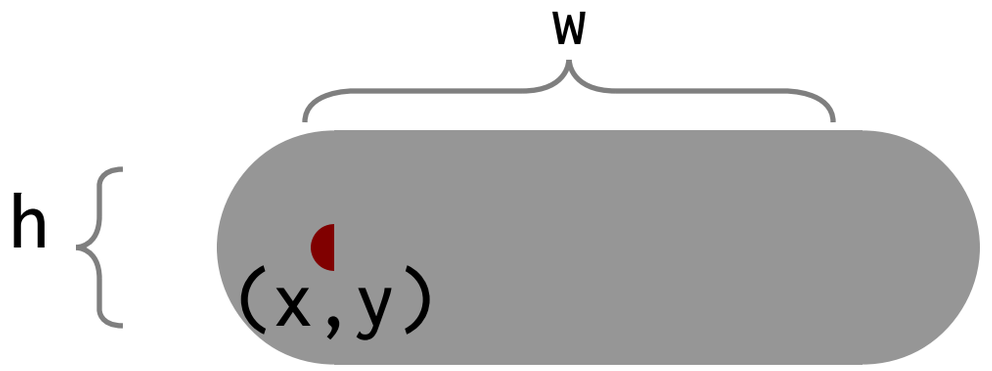


rrect x y w h r [color] [op]



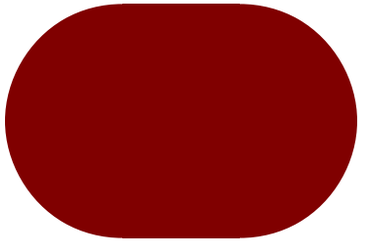
rrect 20 20 10 5 1

rrect 80 20 5 10 1 "red"

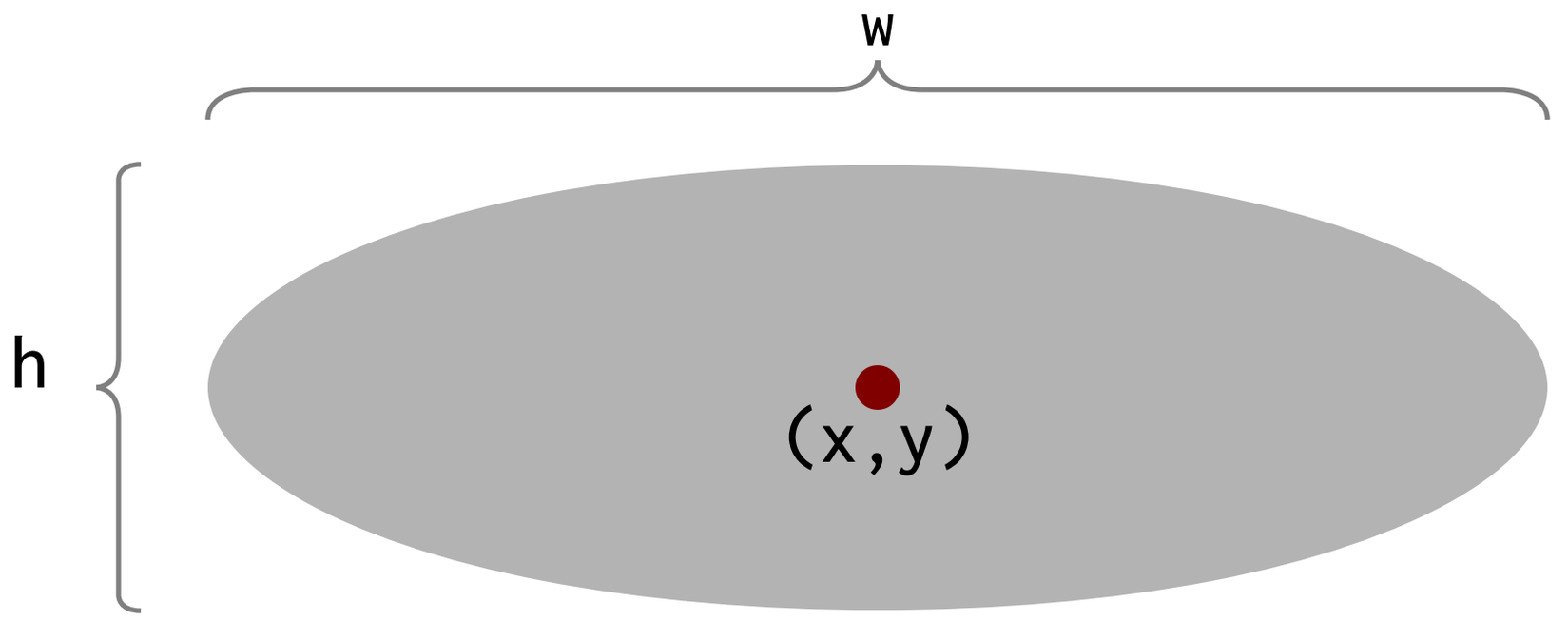


pill x y w h [color]

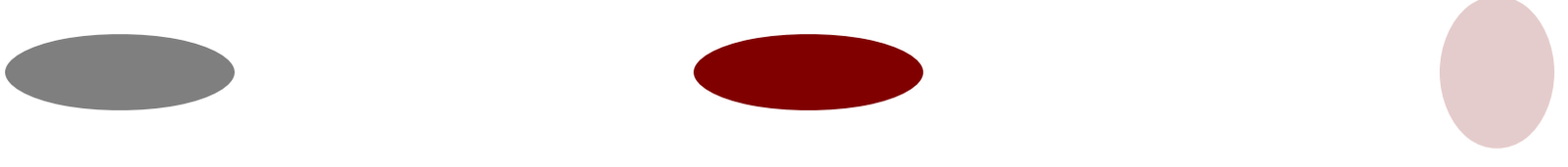
pill 20 20 10 5



pill 80 20 5 10 "red"



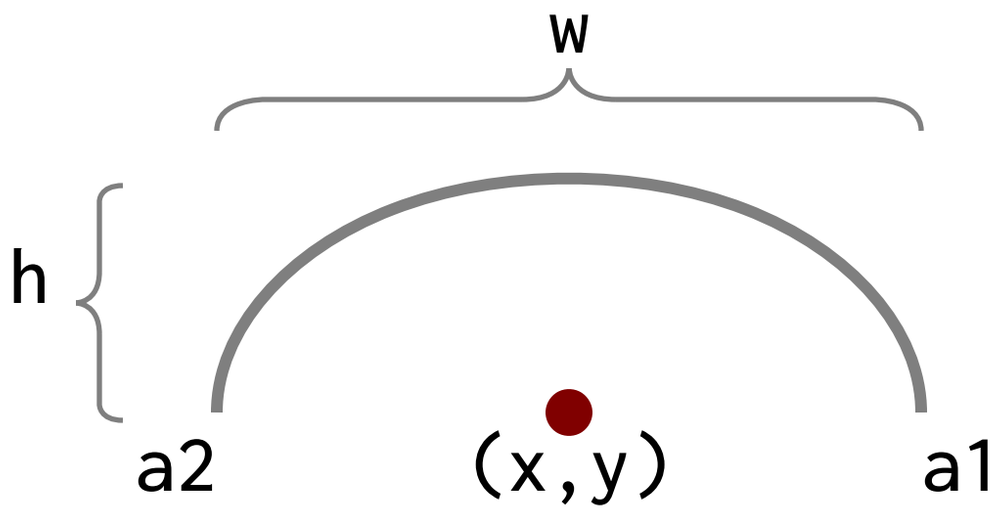

```
ellipse x y w h [color] [op]
```



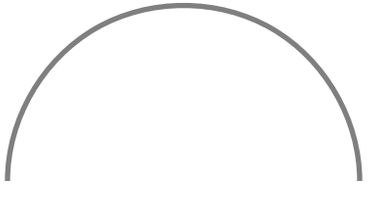
```
ellipse 20 20 10 5
```

```
ellipse 50 20 10 5 "red"
```

```
ellipse 80 20 5 10 "red" 20
```

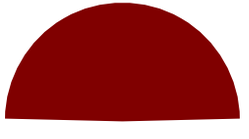


arc x y w h a1 a2 [lw] [color] [op]

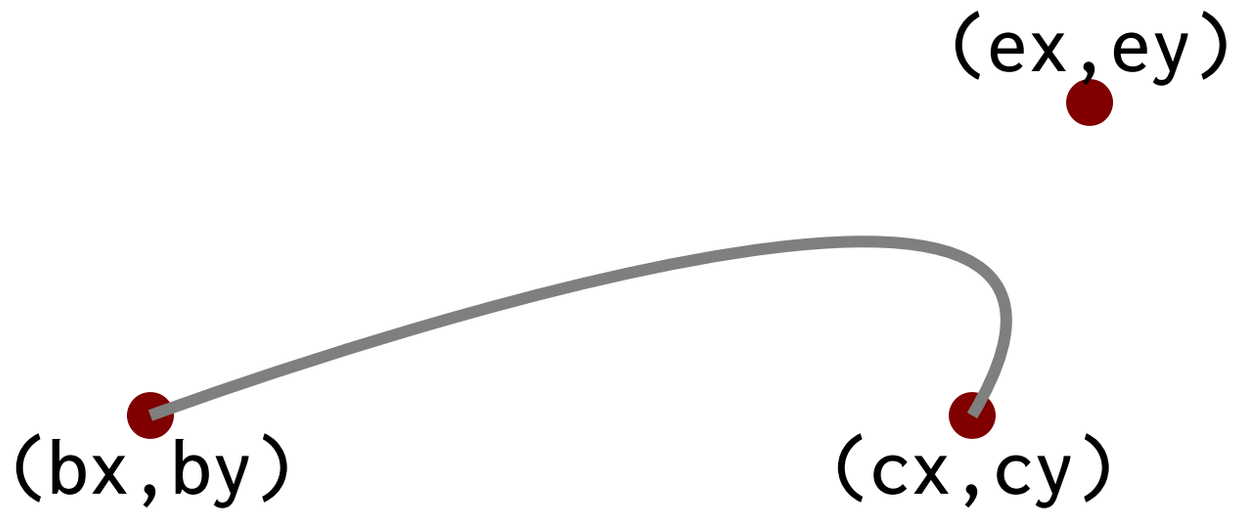


arc 20 20 15 15 0 180

arc 50 20 15 15 0 90 1



arc 80 20 5 5 0 180 5 "red"

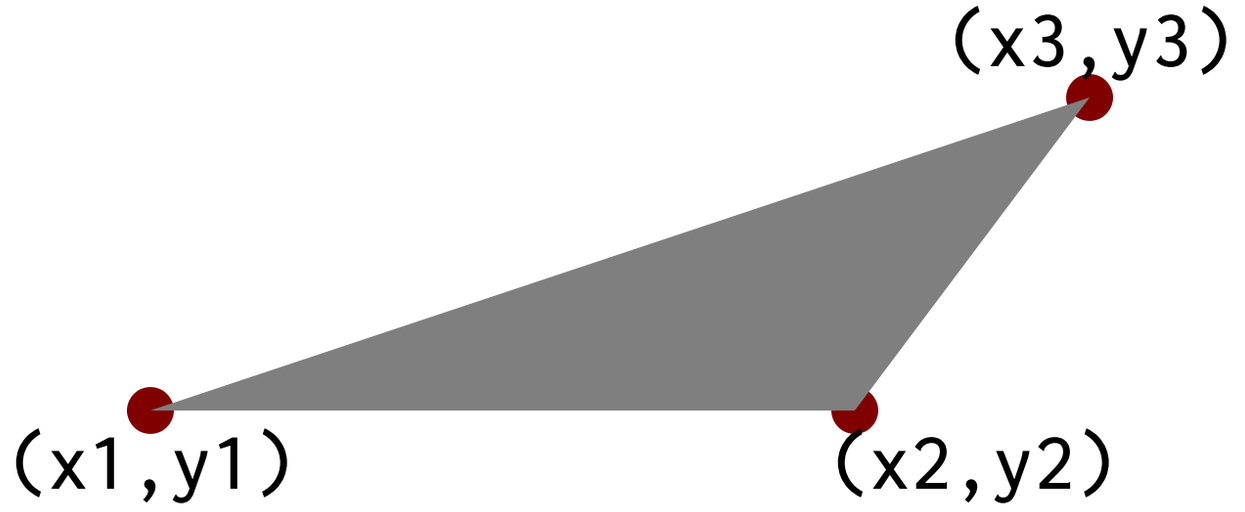


curve bx by cx cy ex ey [lw] [color] [op]

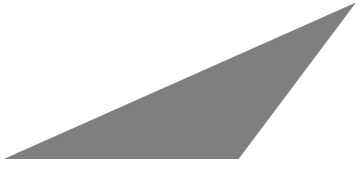
curve 15 20 25 30 30 25

curve 15 20 25 30 30 25

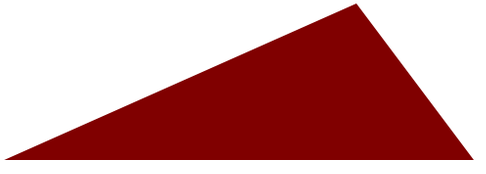
curve 70 20 70 30 90 25 0.5 "red"



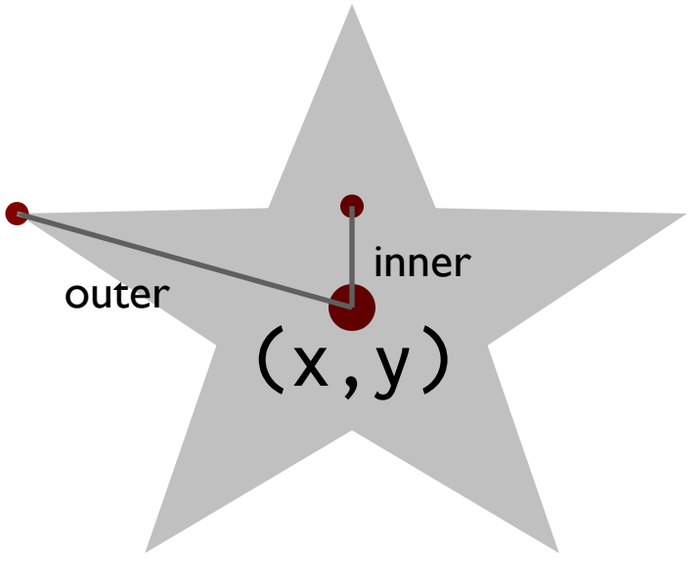
polygon "x1 x2...xn" "y1 y2...yn" [color] [op]



polygon "10 25 20" "20 30 20"

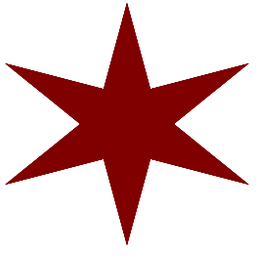


polygon "40 55 60" "20 30 20" "red"



star x y nsides inner outer [color] [op]

star 20 20 5 2 6



star 50 20 12 2 5 "red"

star 80 ey 24 2 8 "red" 20