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]

hello, world

(x,y)

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

hello, world

(x,y)

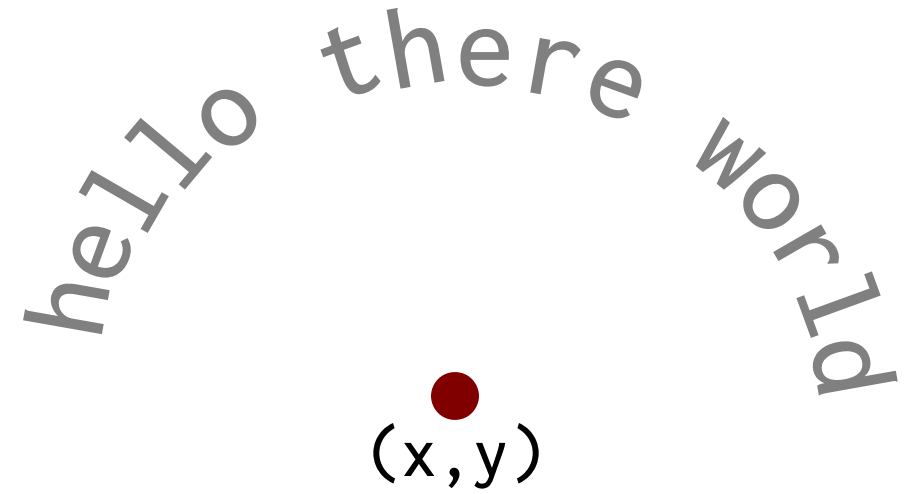ctext "..." x y fontsize [font] [color] [op] [link]

hello, world.

(x,y)

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

hello, world

(x,y)

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

hello there world

(x,y)

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

w

(x,y) "Where justice is denied, where poverty is enforced, where ignorance prevails, and where any one class is made to feel that society is an organized conspiracy to oppress, rob and degrade them, neither persons nor property will be safe."

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

(x,y) This is the contents
of a file. it contains lines of text.
Reading is fundamental.

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

(x,y)

W

```go
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)   li "first"
        li "second"
        li "third"
elist

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)  li "first"
       li "second"
       li "third"
     elist
```

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

- one

- two

- three

- four

● *one*

● *two*

● *three*

● *four*

blist 20 35 2.5

blist 60 35 4 "serif" kwcolor 100 1.0

nlist
(x,y) li "first"
li "second"
li "third"
elist

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) li "first"
       li "second"
       li "third"
   elist

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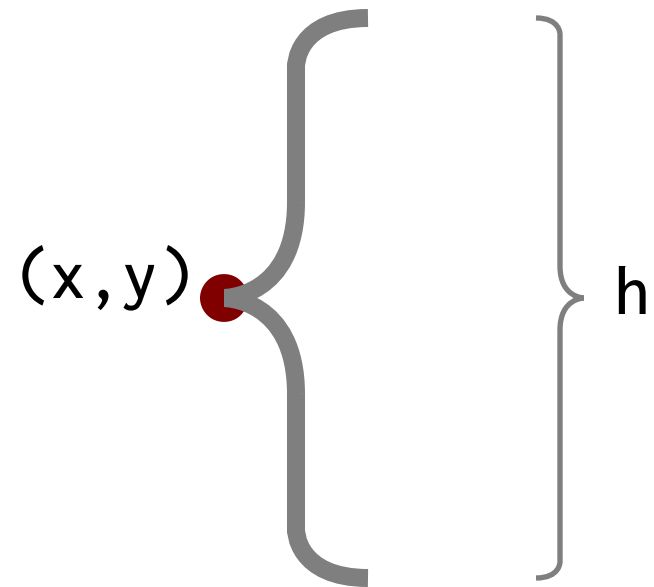
lbrace x y h bw bh [lw] [color] [op]

(x,y)

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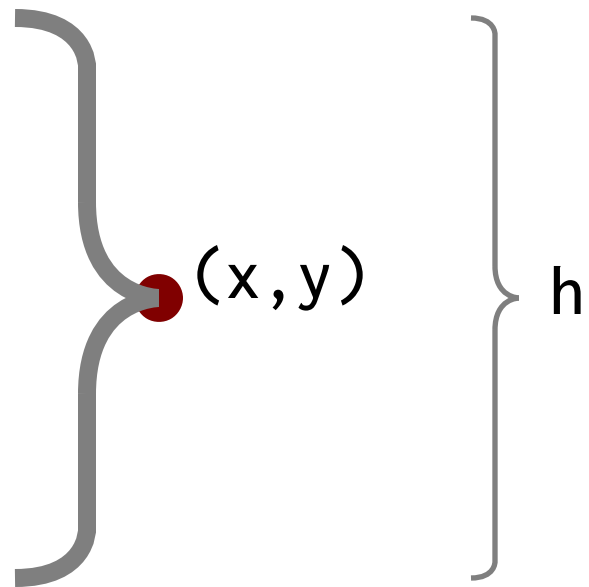
rbrace x y h bw bh [lw] [color] [op]

w

(x,y)
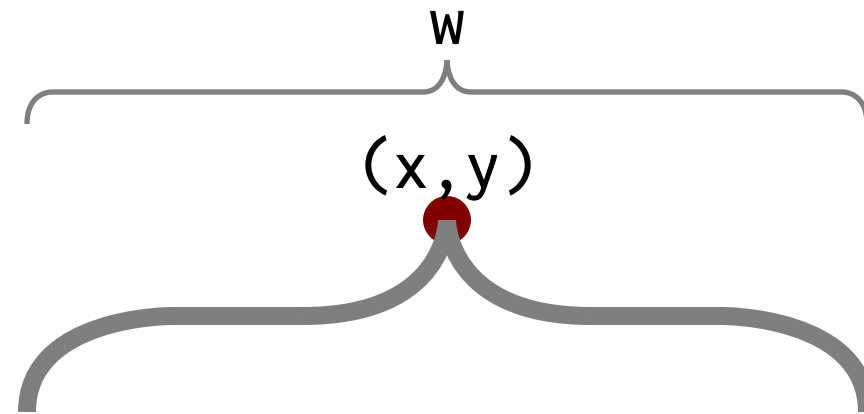
ubrace x y w bw bh [lw] [color] [op]

W

(x,y)
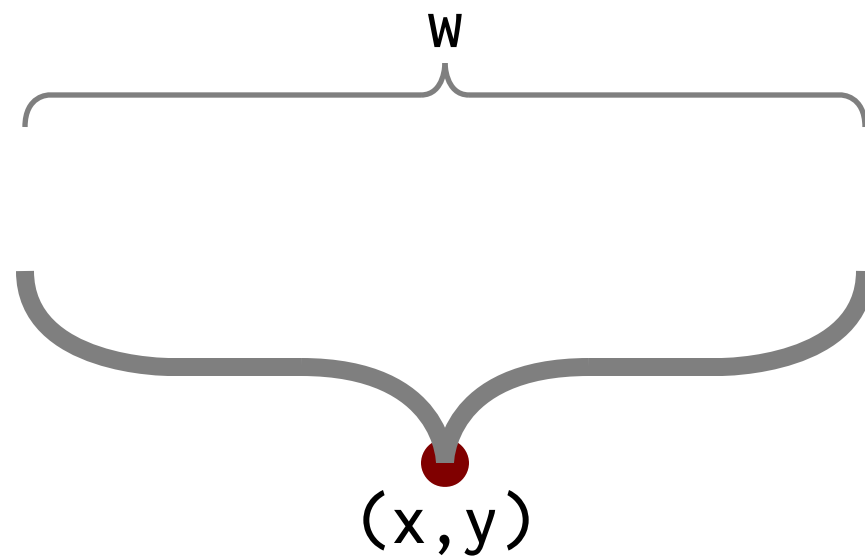
dbrace x y w bw bh [lw] [color] [op]

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]
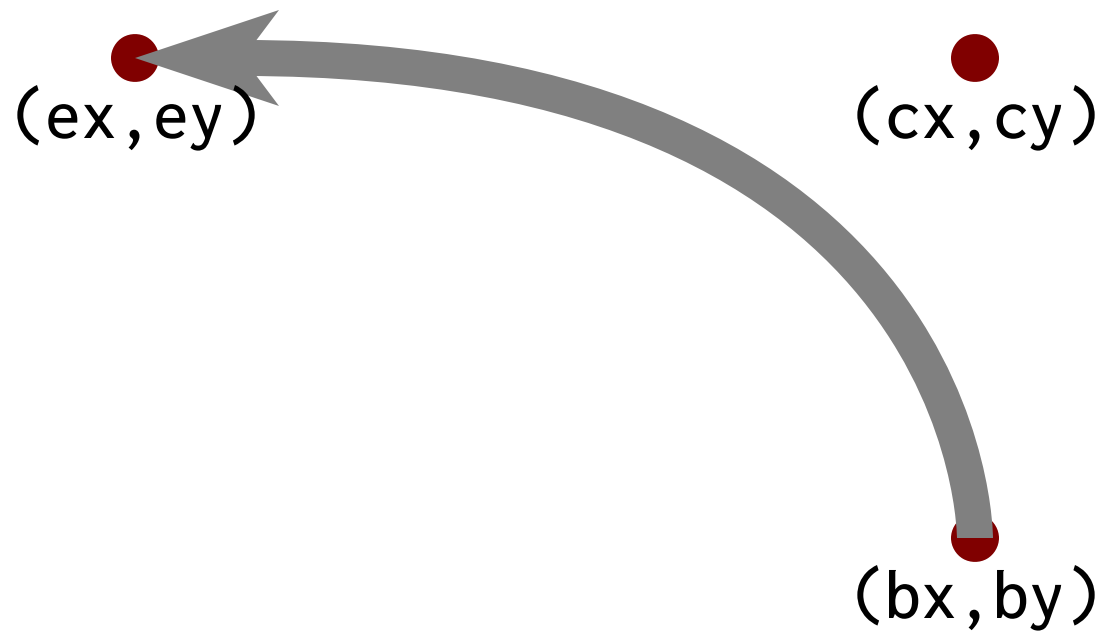
lcarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]
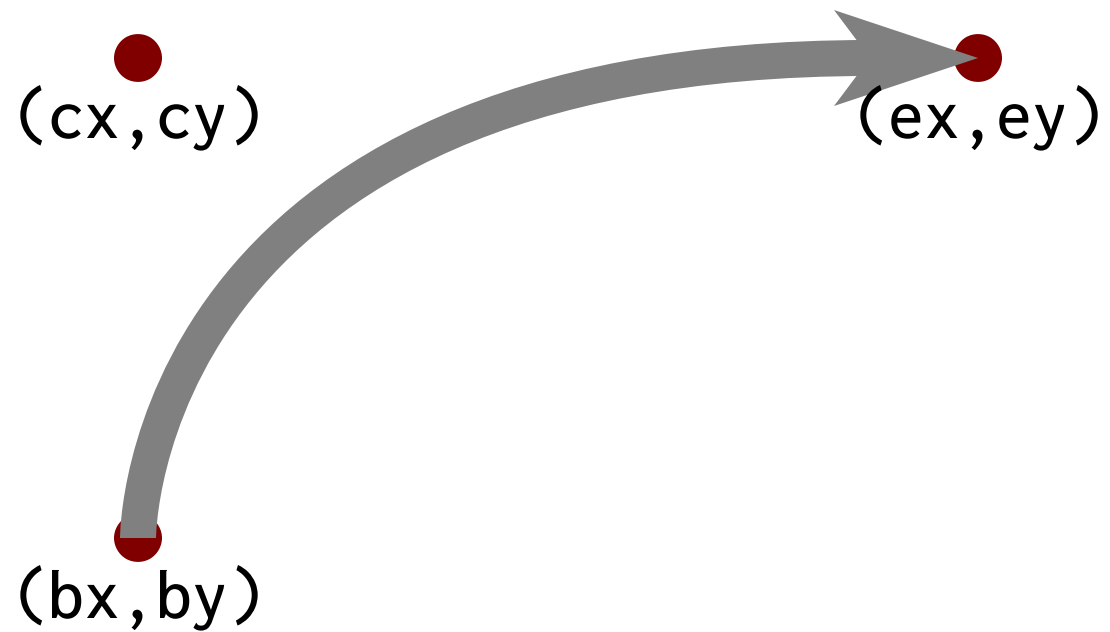
rcarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]
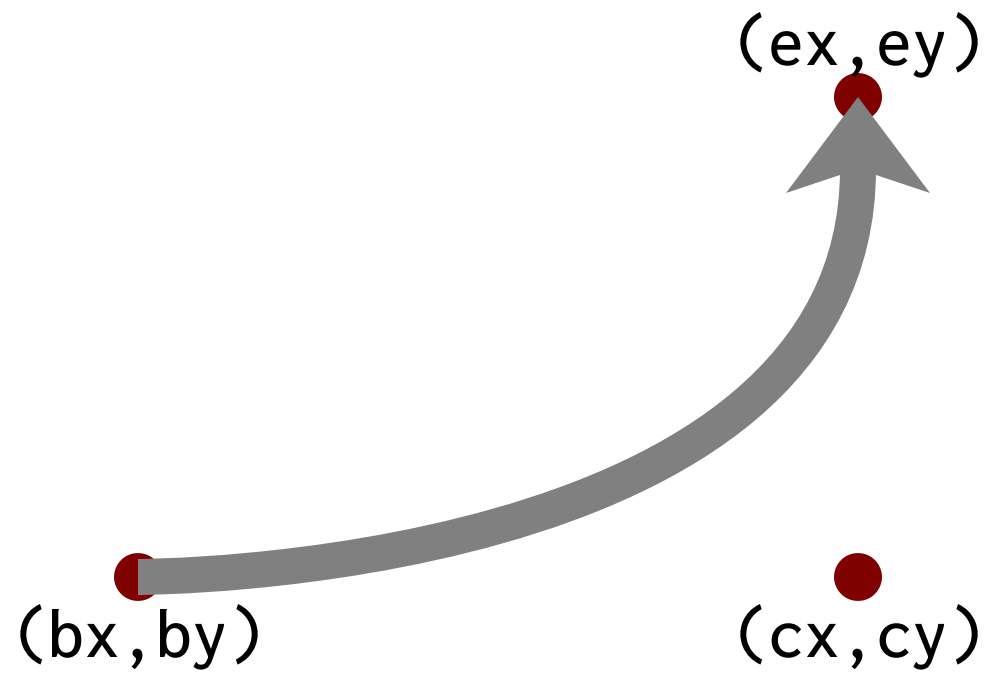
ucarrow bx by cx cy ex ey [lw] [aw] [ah] [color] [op]
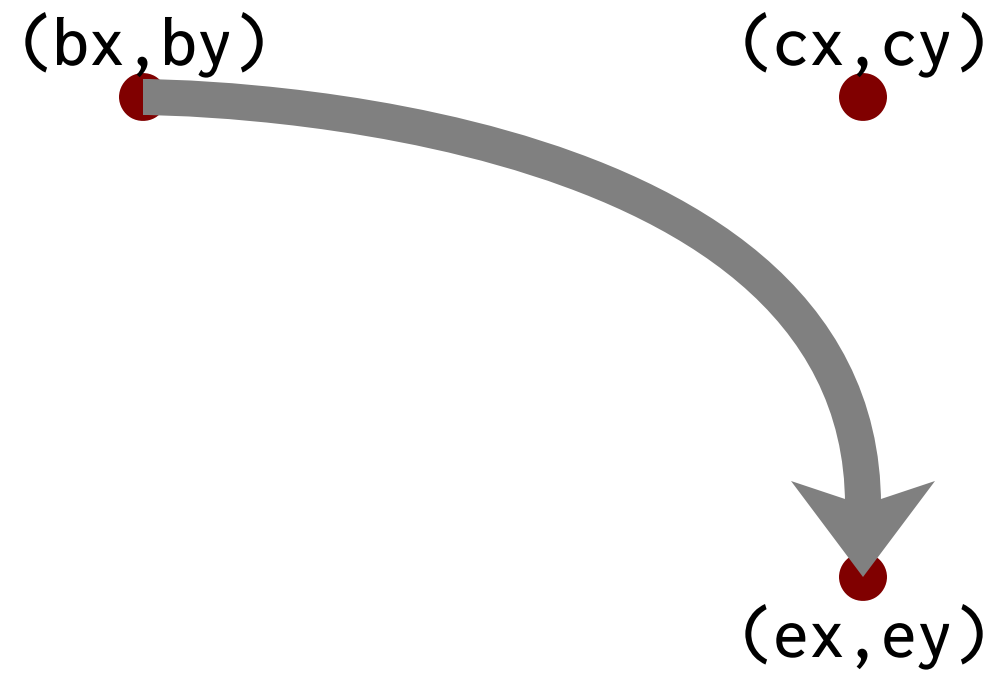
(bx,by)   (cx,cy)

(ex,ey)

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]

w

h

(x,y)
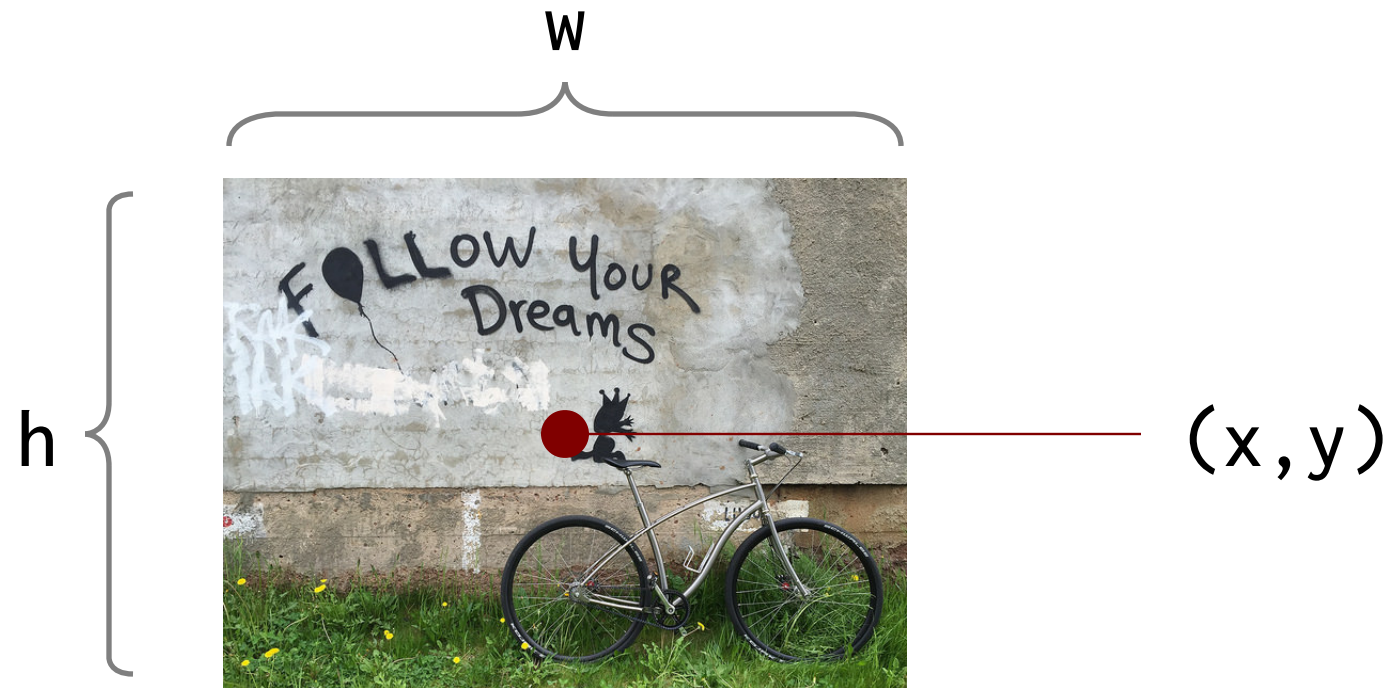
image x y w h [scale] [link]

image "follow.jpg" 22 25 640 480 10

image "follow.jpg" 72 25 640 480 30
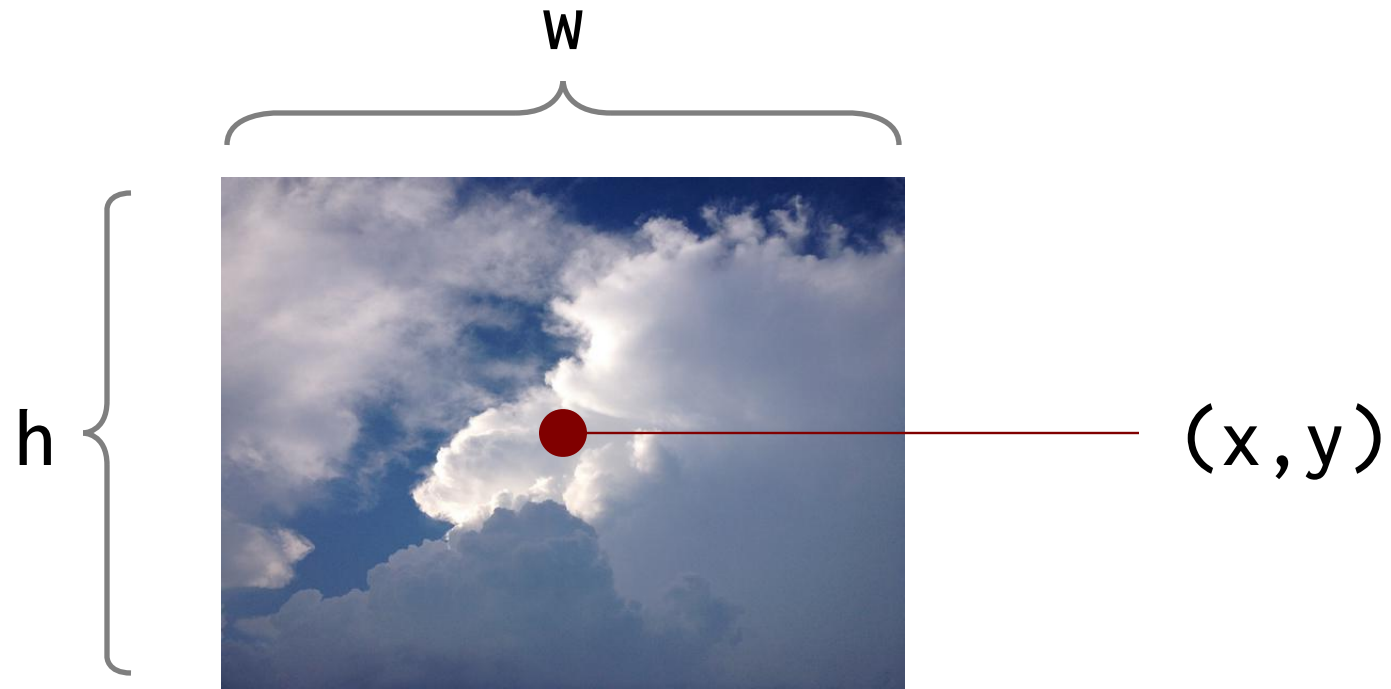
cloudy

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

sky
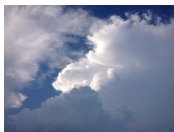
sky

`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]

lw {

(x1,y1)   (x2,y2)

line x1 y1 x2 y2 lw [color] [op]
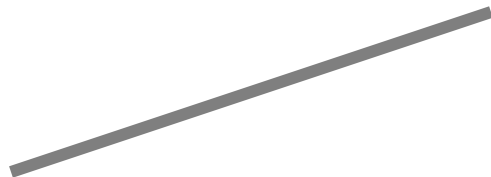
line 10 20 30 20   line 40 20 60 30 0.5   line 70 20 95 30 1.5 "red"
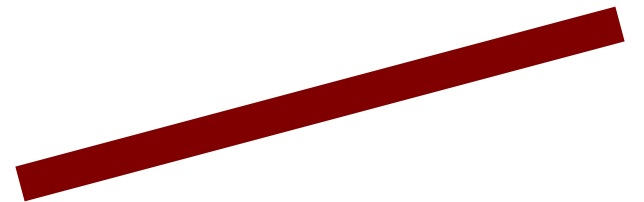
w

(x,y)

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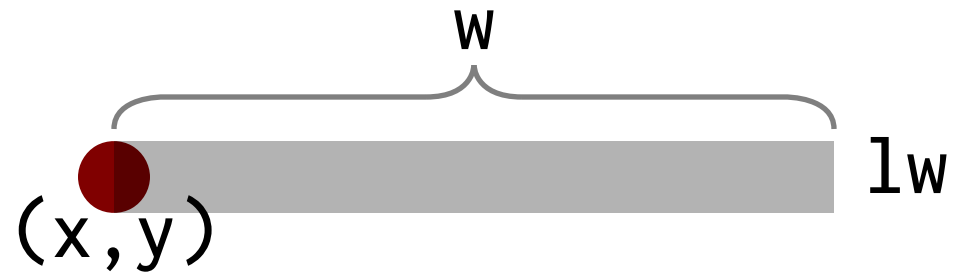
hline x y w [lw] [color] [op]

hline 15 20 10   hline 40 20 20 1   hline 70 20 20 5 "red" 20

lw

h

(x,y)
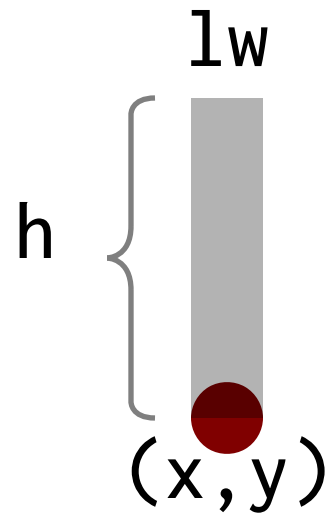
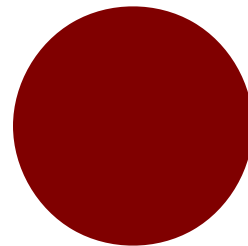vline x y h [lw] [color] [op]

vline 20 20 15   vline 50 20 15 2   vline 80 20 15 10 "red" 20
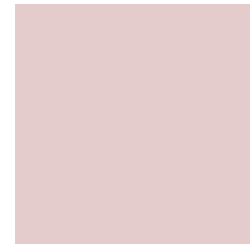
W

(x,y)
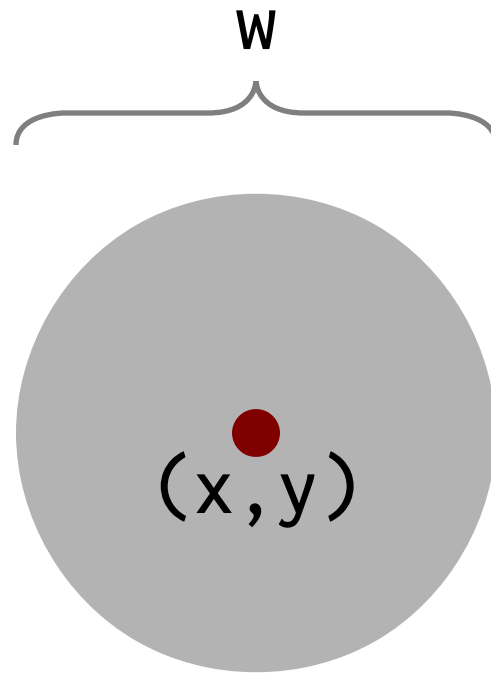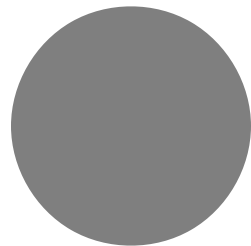
circle x y w [color] [op]

circle 20 20 10

circle 50 20 10 "red"

circle 80 20 5 "red" 20
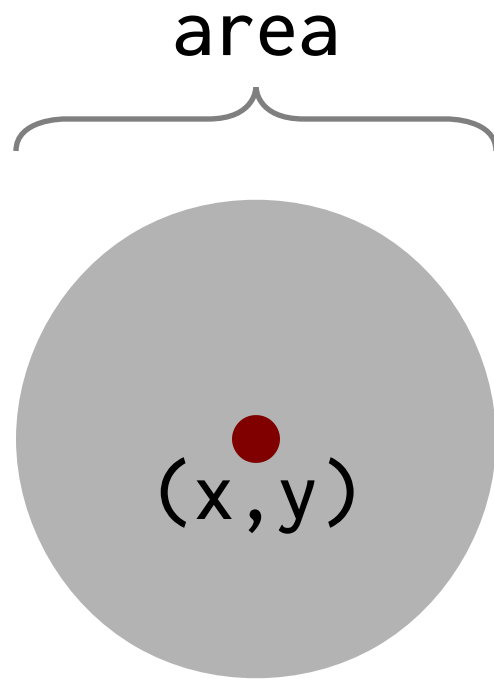
area

acircle x y area [color] [op]

acircle 20 20 10   acircle 50 20 10 "red"   acircle 80 20 5 "red" 20

w
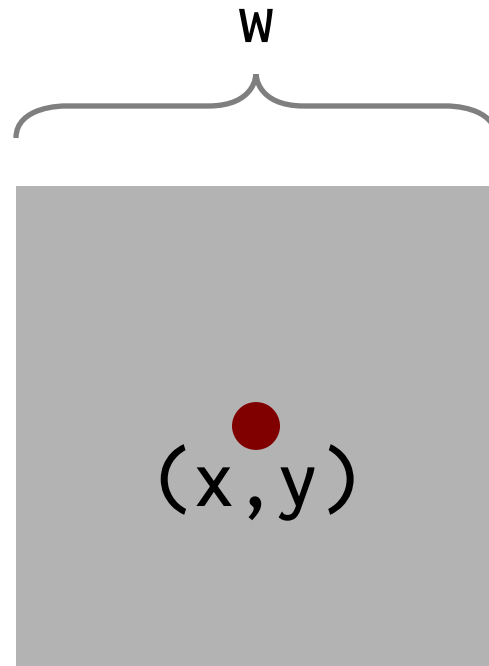
square x y w [color] [op]

square 20 20 10
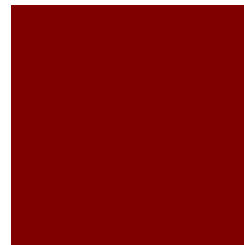
square 50 20 10 "red"

square 80 20 5 "red" 20
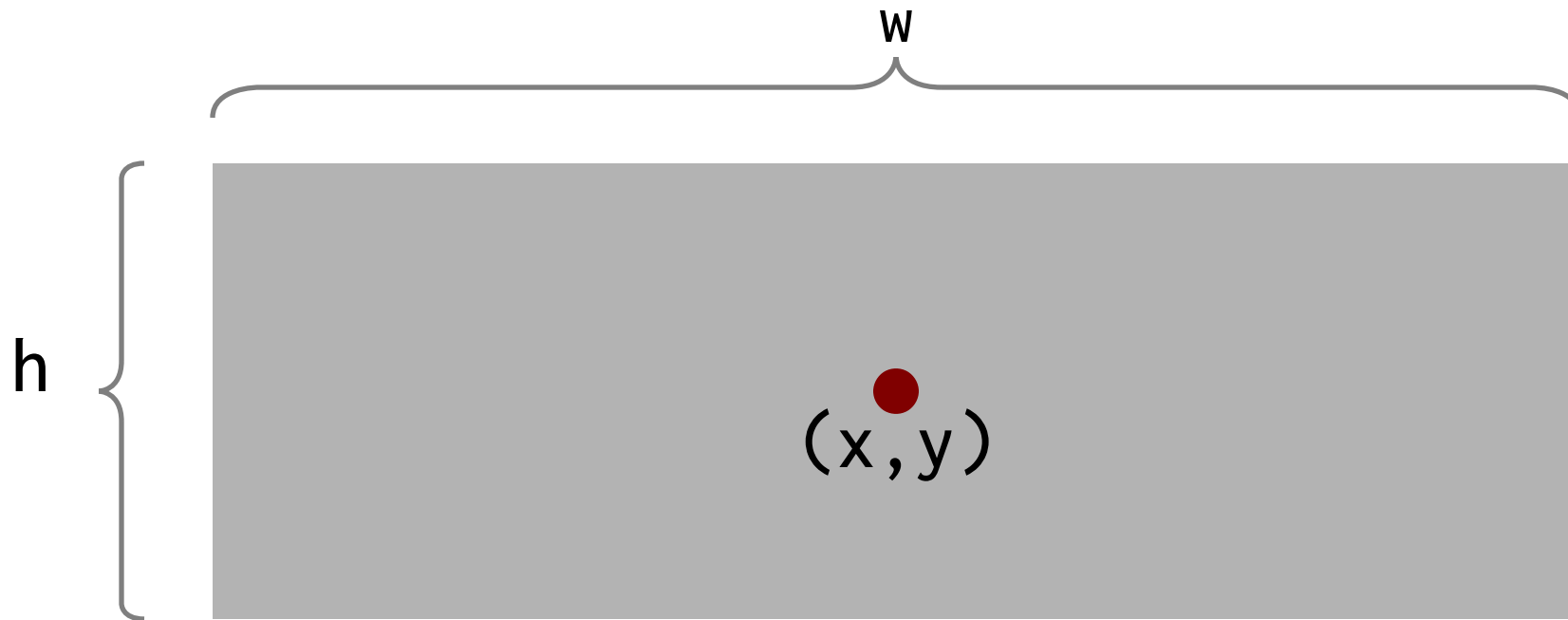
rect x y w h [color] [op]

rect 20 20 10 5

rect 50 20 10 5 "red"

rect 80 20 5 10 "red" 20

w

r
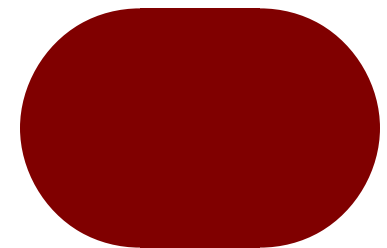
h

(x,y)
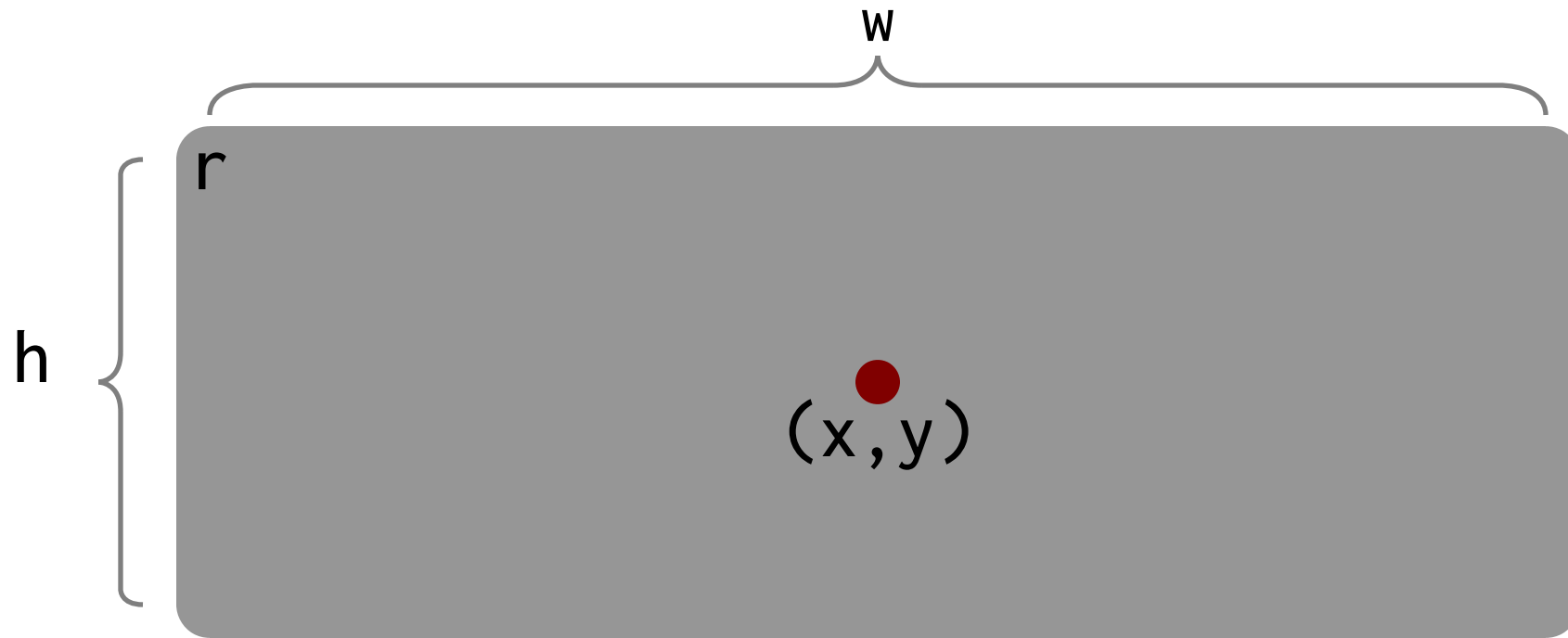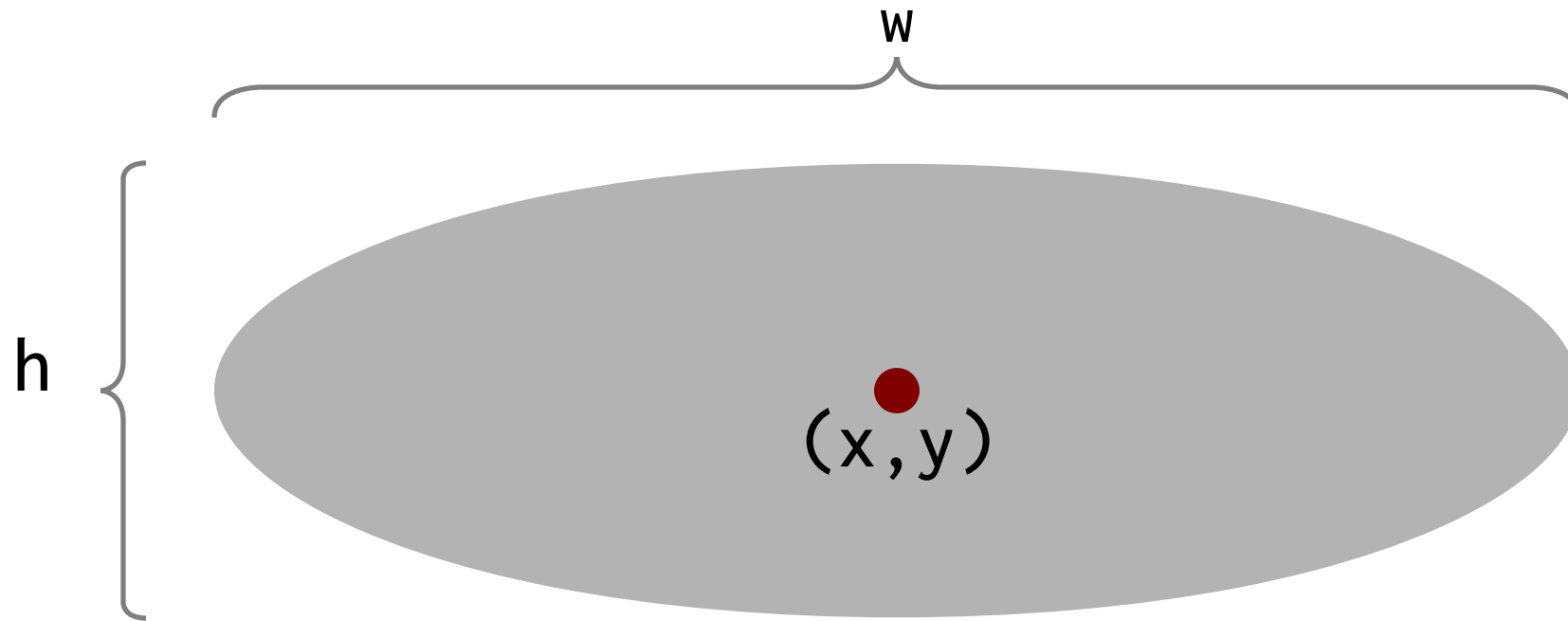
rrect x y w h r [color] [op]

rrect 20 20 10 5 1

rrect 80 20 5 10 1 "red"

w

h

(x,y)
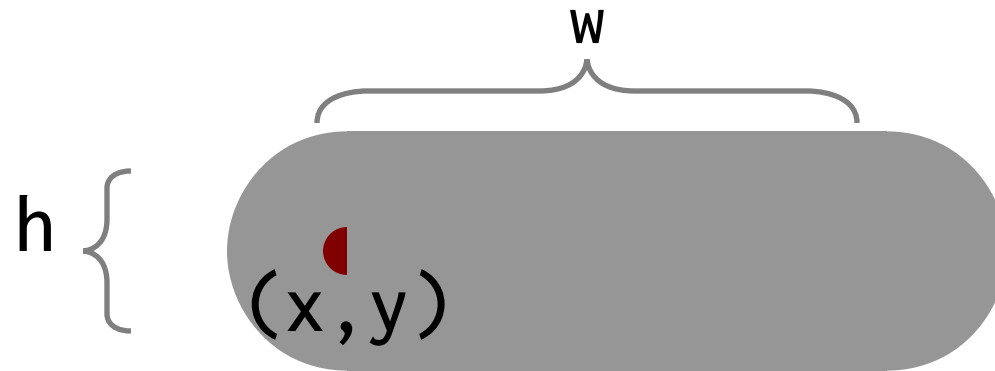
pill x y w h [color]

pill 20 20 10 5

pill 80 20 5 10 "red"

ellipse x y w h [color] [op]
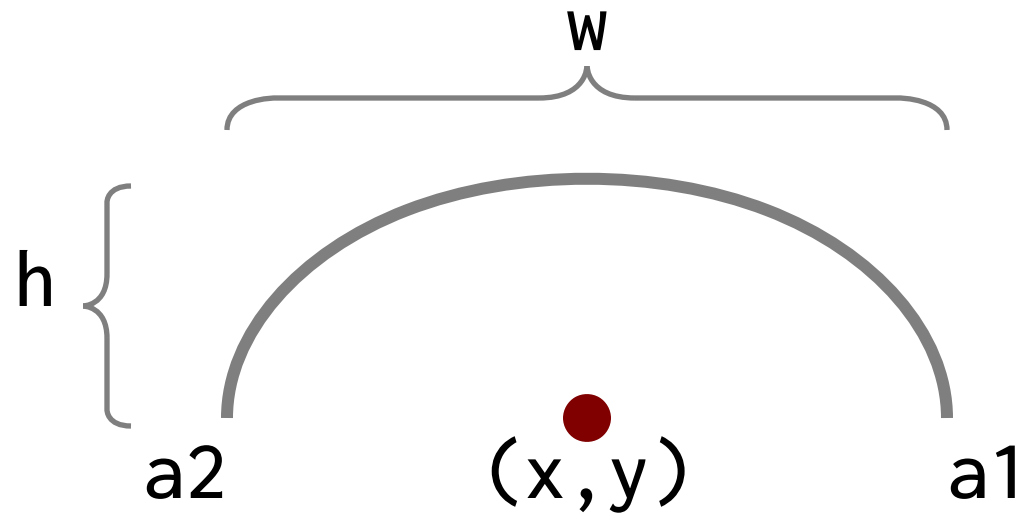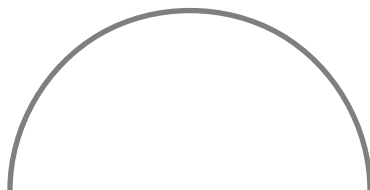
ellipse 20 20 10 5   ellipse 50 20 10 5 "red"   ellipse 80 20 5 10 "red" 20

w

h

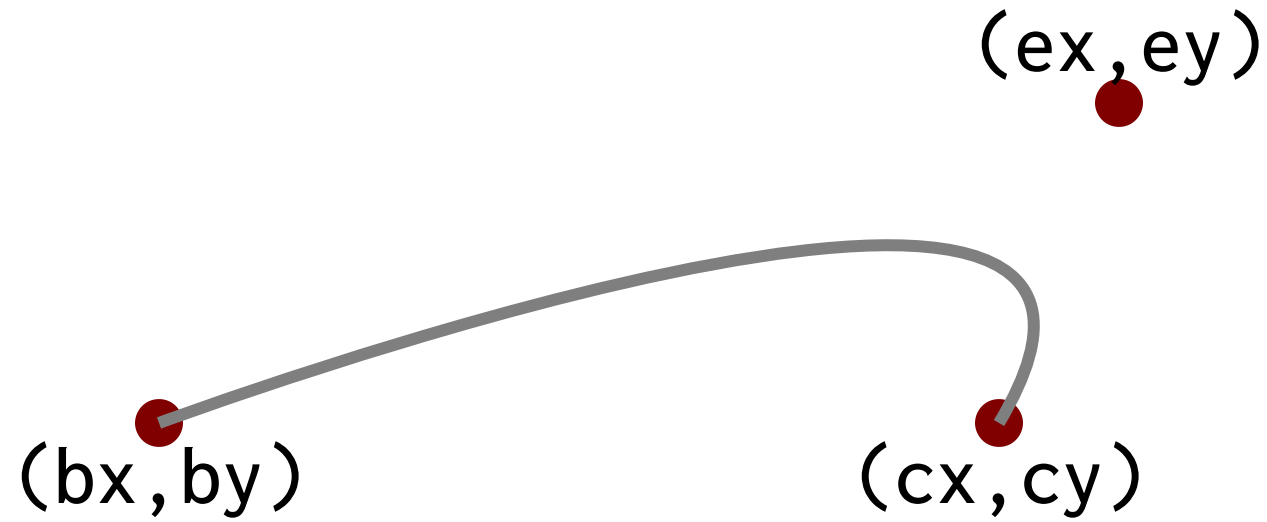a2　　　　(x,y)　　　　a1

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"
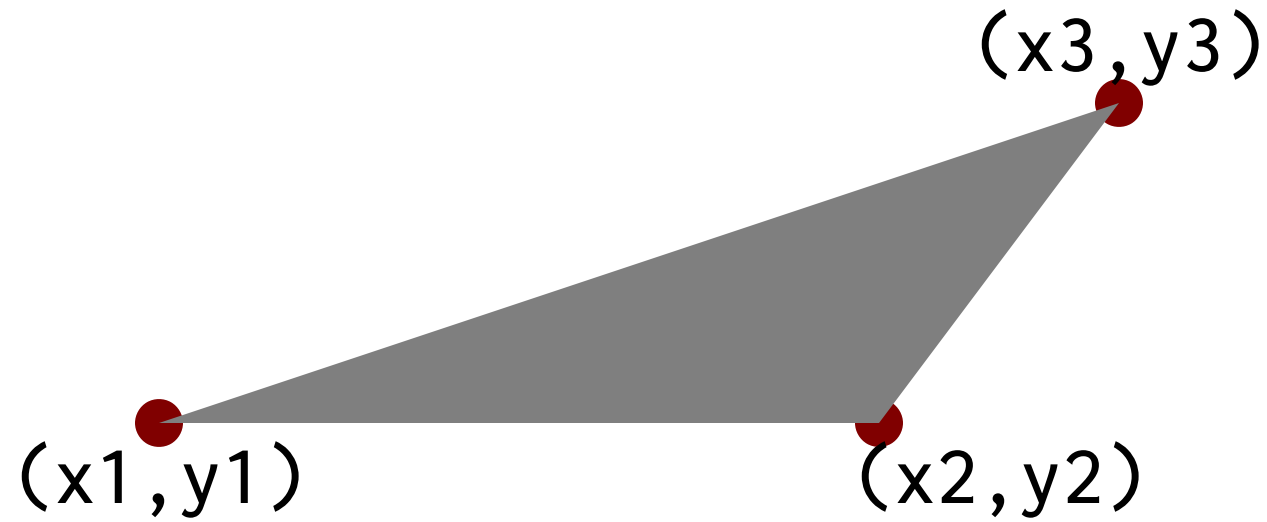
(ex,ey)

(bx,by)　　　　(cx,cy)

curve bx by cx cy ex ey [lw] [color] [op]
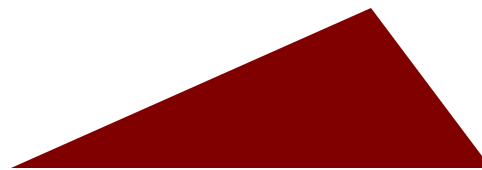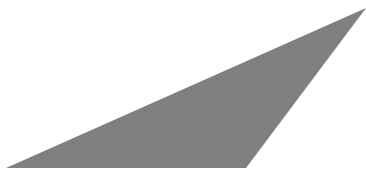
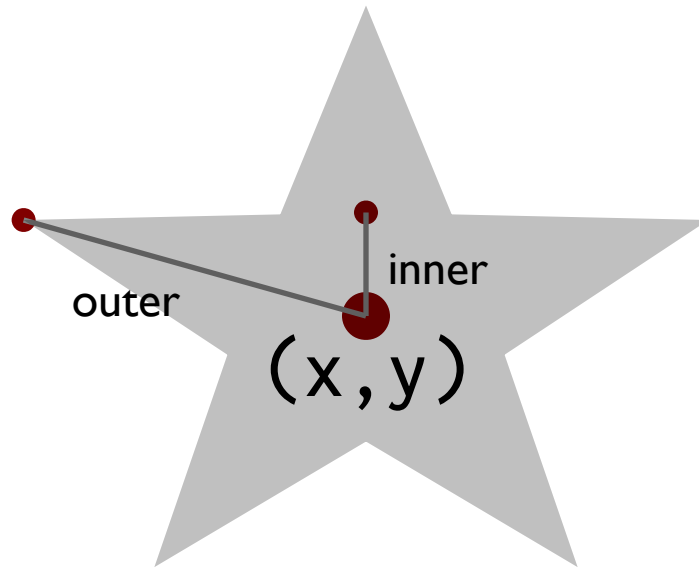curve 15 20 25 30 30 25　　　curve 15 20 25 30 30 25　　curve 70 20 70 30 90 25 0.5 "red"

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

polygon "10 25 20" "20 30 20"
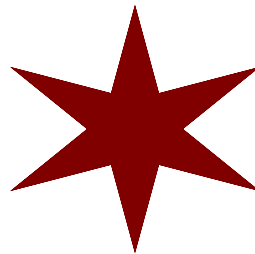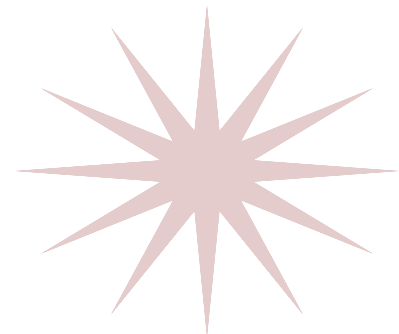
polygon "40 55 60" "20 30 20" "red"

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