

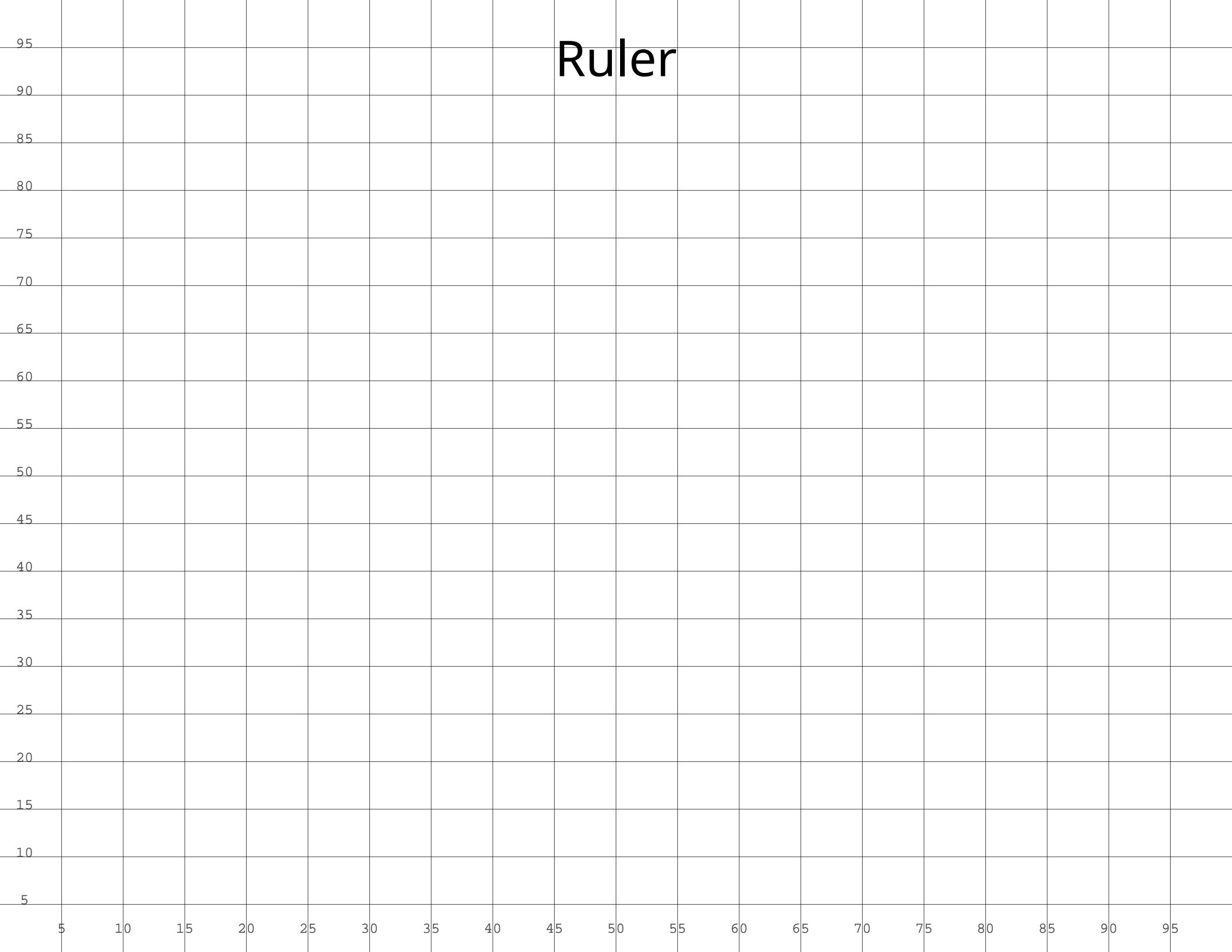
decksh tests

version

2025-09-28-1.0.0

Empty

Ruler



Ruler 20

80

60

40

20

20

40

60

80

Ruler 10 colored

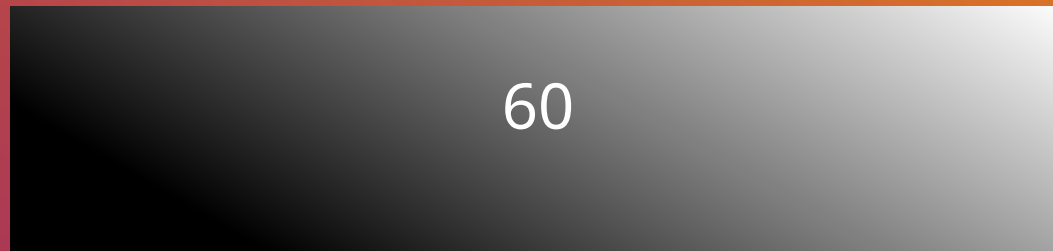
The image shows a 10x10 grid with a ruler scale on the left and bottom. The title "Ruler 10 colored" is at the top center. The ruler scale on the left has major ticks at 10, 20, 30, 40, 50, 60, 70, 80, and 90. The ruler scale on the bottom has major ticks at 10, 20, 30, 40, 50, 60, 70, 80, and 90. The grid is composed of 10 columns and 10 rows.

Background color only




Background and Foreground

Gradient only

Gradient and Foreground



Colors, fonts, opacity

| Colors | Fonts | | Opacity (0-100) | |
|--------------------------------|-----------------------|------------|-----------------|---|
| <code>"steelblue"</code> | <code>"sans"</code> | Sans Serif | 100 |  |
| <code>"#4682b4"</code> | <code>"serif"</code> | Serif | 50 |  |
| <code>"rgb(70,130,180)"</code> | <code>"mono"</code> | Monospace | 20 |  |
| <code>"hsv(207,61,71)"</code> | <code>"symbol"</code> | *** | | |
| <code>maroon/blue/90</code> | | | | |

maroon



#800000



rgb(128,0,0)



hsv(0,100,50)



Functions

(20 , 80)



(40 , 80)



(60 , 80)



(80 , 80)



(20 , 60)



(40 , 60)



(60 , 60)



(80 , 60)



(20 , 40)



(40 , 40)



(60 , 40)



(80 , 40)



(20 , 20)



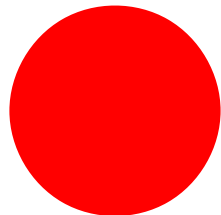
(40 , 20)



(60 , 20)



(80 , 20)



Conditionals

r=24.32 x=27.17 b=32.91

| | | |
|--------------------------|----------|-----|
| equal to | r == x | NO |
| not equal to | r != x | YES |
| greater than | r > x | NO |
| less than | r < x | YES |
| greater than or equal to | r >= x | NO |
| less than or equal to | r <= x | YES |
| between | r >< x b | NO |

Conditionals (if -- else -- eif)

```
if rv > xv
    ctext "rv is greater than xv" 50 75 4
    ctext rval 10 75 3
    ctext xval 90 75 3
    rect 50 52 100 20 "red" 20
else
    ctext "in the else clause" 50 5 4
    ctext rval 10 5 3
    ctext xval 90 5 3
    rect 50 25 100 20 "blue" 20
eif
```

rv=38.32

in the else clause

xv=58.80

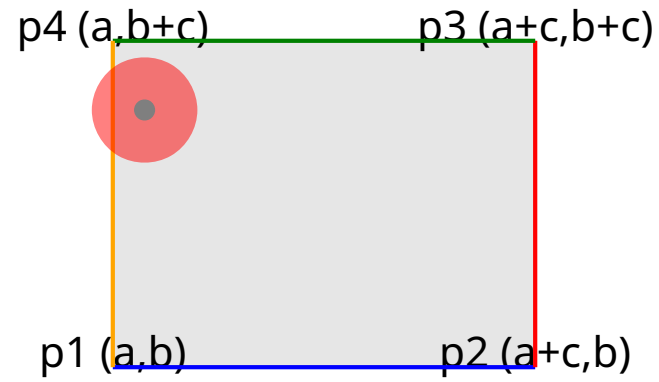
String Conditionals



strings are not equal



Coordinates



Included data from another file

Content (see test.md.pdf)

Grid



```
circle x y 1  
circle x y 2  
circle x y 4
```



```
circle x y 4  
circle x y 2  
circle x y 1
```



```
arc x y 3 3 0 90  
arc x y 3 3 90 180  
arc x y 3 3 180 270
```



```
square x y 4 "red"  
square x y 4 "green"  
square x y 4 "blue"
```



```
image "follow.jpg" x y 640 480 10  
image "follow.jpg" x y 640 480 10  
image "follow.jpg" x y 640 480 10
```

Now is the time for all
good men to come to
the aid of the party &
'do it now'

```
package main

import (
    "fmt"
)

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

Now is the time for
all good men to come
to the aid of the party
& 'do it now'

```
package main

import (
    "fmt"
)

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

Now is the
time for
all good
men to come
to the aid
of the party
& 'do it
now'

Now is the
time for all
good men
to come to
the aid of the
party & 'do
it now' (read
from a file)

AAPL Volume (Millions)

| | |
|------------|---------|
| 2017-09-01 | 679.879 |
| 2017-10-01 | 504.291 |
| 2017-11-01 | 600.663 |
| 2017-12-01 | 531.184 |
| 2018-01-01 | 659.181 |
| 2018-02-01 | 927.894 |
| 2018-03-01 | 713.728 |
| 2018-04-01 | 666.154 |
| 2018-05-01 | 617.408 |
| 2018-06-01 | 527.298 |
| 2018-07-01 | 393.691 |
| 2018-08-01 | 163.768 |

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Text and Alignment

one

two

three

four

one

two

three

four

one

two

three

four

(180)

three

two (90)

one (0)

four (270)

moving on up

hello there world

this is only a test

coming down

Binary and Assignment Operators

$a+b$ ($y+=60$)

$a-b$ ($y-=10$)

$a\%b$

a/b ($y*=-1.5$)

$a*b$ ($y/=3$)

Lists

one

- one

1. one

two

- two

2. two

three

- three

3. three

one

- one

1. one

two

- two

2. two

three

- three

3. three

one

- one

1. one

two

- two

2. two

three

- three

3. three

one

- one

1. one

two

- two

2. two

three

- three

3. three

one

- one

1. one

two

- two

2. two

three

- three

3. three

Centered List

one

two

three

four

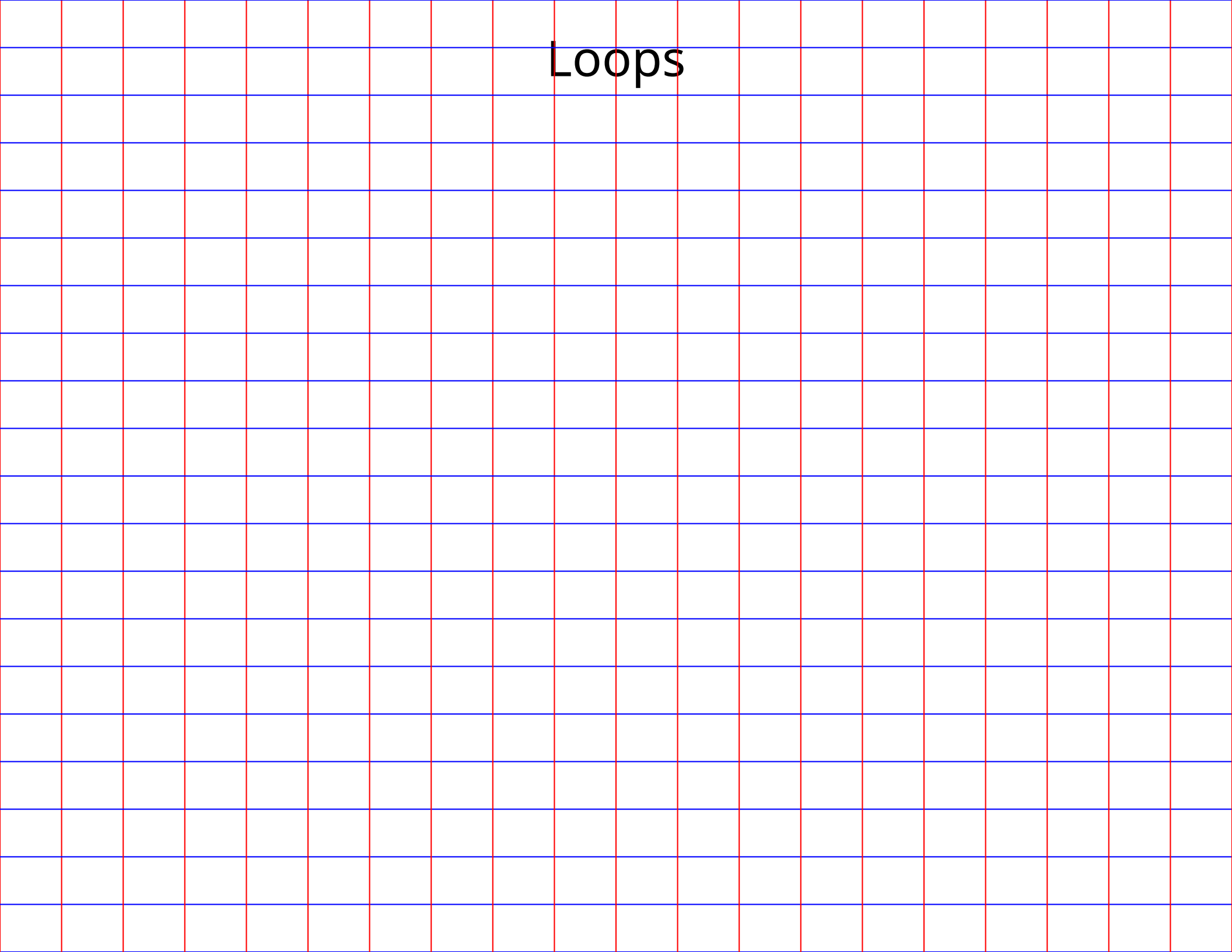
one

two

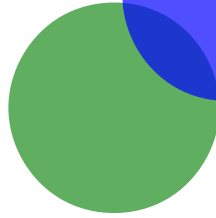
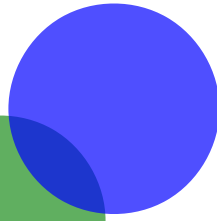
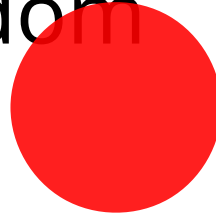
three

four

Loops

The background of the slide is a grid of thin lines. Vertical lines are red and spaced evenly across the width. Horizontal lines are blue and spaced evenly across the height. The grid covers the entire slide area.

Random



Square Root

$$\text{sqrt } 8 = 2.8284271247461903$$

$$\text{sqrt } 8 + 6 = 3.7416573867739413$$

$$\text{sqrt } 8 - 6 = 1.4142135623730951$$

$$\text{sqrt } 8 * 6 = 6.928203230275509$$

$$\text{sqrt } 8 / 6 = 1.1547005383792515$$

Sine

$$\text{sine } 3.1415926 = 5.3589793170057245\text{e-}08$$

$$\text{sine } 3.1415926 + 0.707 = -0.6495557148113534$$

$$\text{sine } 3.1415926 - 0.707 = 0.6495557963014893$$

$$\text{sine } 3.1415926 * 0.707 = 0.7958963696196476$$

$$\text{sine } 3.1415926 / 0.707 = -0.9640809602990886$$

Cosine

$$\text{cosine } 3.1415926 = -0.999999999999999986$$

$$\text{cosine } 3.1415926 + 0.707 = -0.7603139965539972$$

$$\text{cosine } 3.1415926 - 0.707 = -0.7603139269348801$$

$$\text{cosine } 3.1415926 * 0.707 = -0.6054328772260928$$

$$\text{cosine } 3.1415926 / 0.707 = -0.2656085502930713$$

Tangent

$$\text{tangent } 3.1415926 = -5.358979317005727\text{e-}08$$

$$\text{tangent } 3.1415926 + 0.707 = 0.8543256046256702$$

$$\text{tangent } 3.1415926 - 0.707 = -0.8543257900326782$$

$$\text{tangent } 3.1415926 * 0.707 = -1.31459060047449$$

$$\text{tangent } 3.1415926 / 0.707 = 3.629706043857873$$

Format

Widget 1: 10.00

1,234,567,890

123,456,789

Widget 2: 120.000

12,345,678

1,234,567

Total Widgets: 130

123,456

12,345

1,234

123

Format (2)

x=10

(x=10.00, y=20.00)

(x=10 y=20 z=30)

x=10 y=20 z=30 x1=66

x=10 y=20 z=30 x1=66 x2=33

x plus y=30

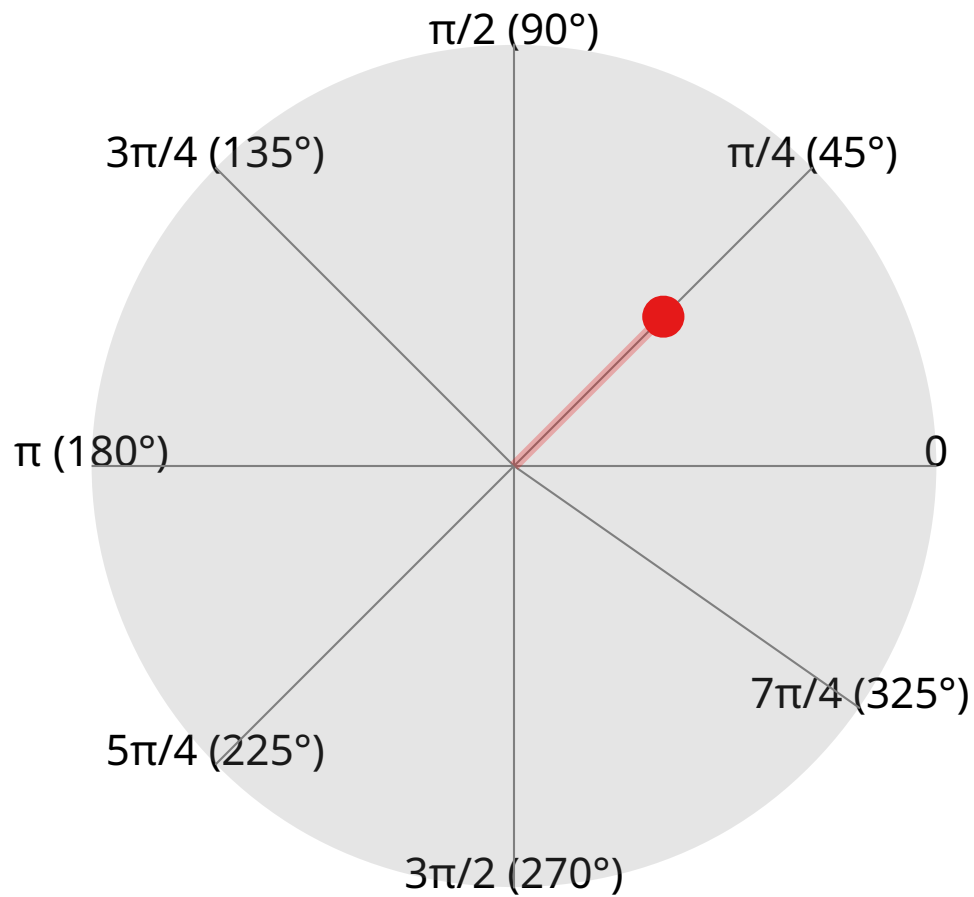
x minus y=-10

x divided by y=0.5

x times y=200

x mod y=10

Polar Coordinates



Map Ranges

1958

1980

1990

2020

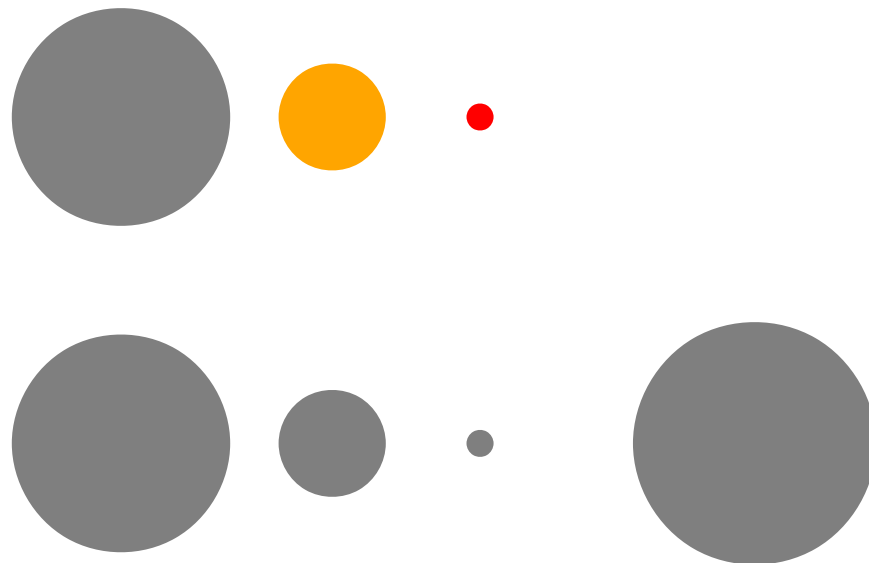
1958

1978

1980

end

Areas



substr s begin

```
s="hello, world"
```

```
substr s - -          hello, world
```

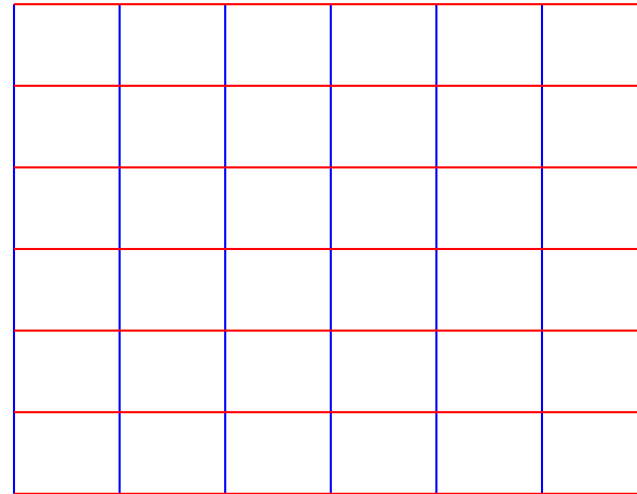
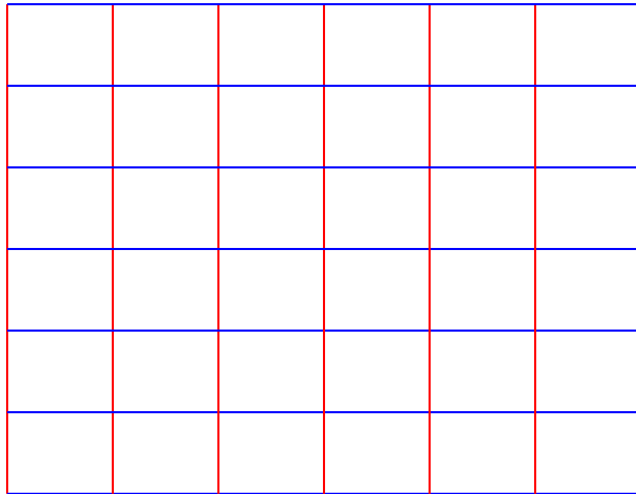
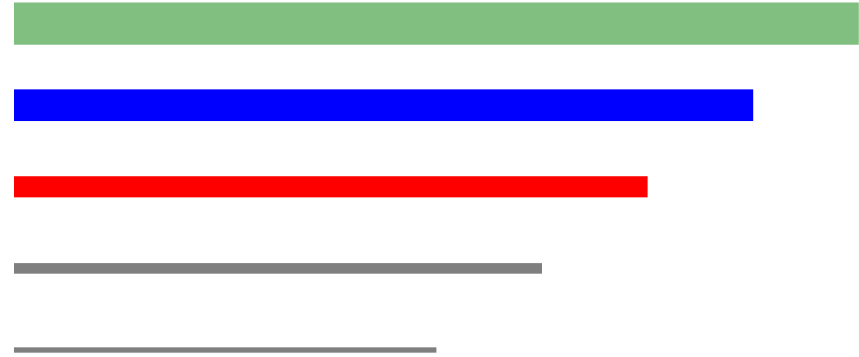
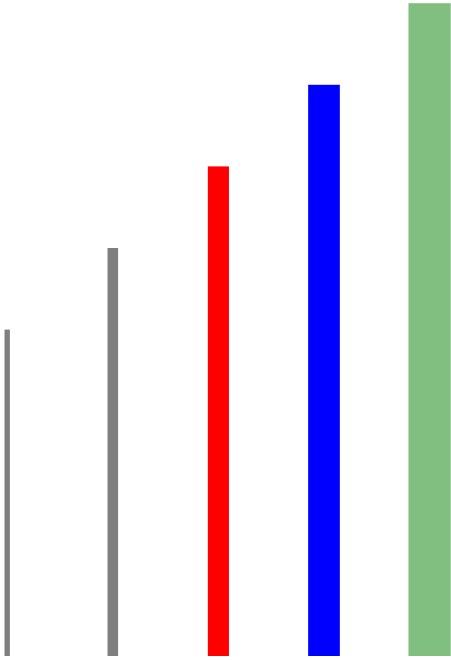
```
substr s - 4          hello
```

```
substr s 7 -          world
```

```
substr s 3 8           lo, wo
```

```
substr "This is a test" 5 8    is a
```

Lines

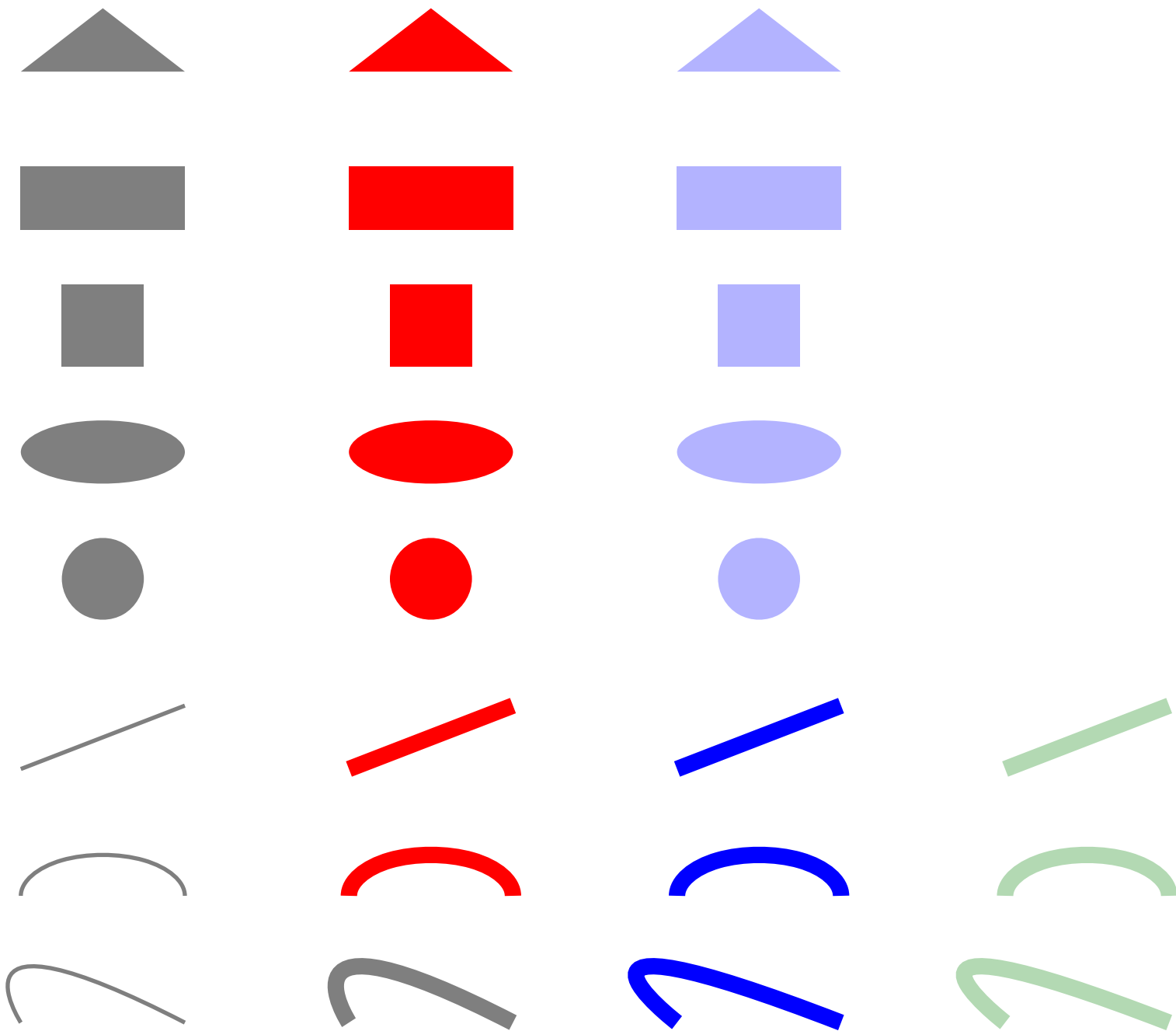


Stars



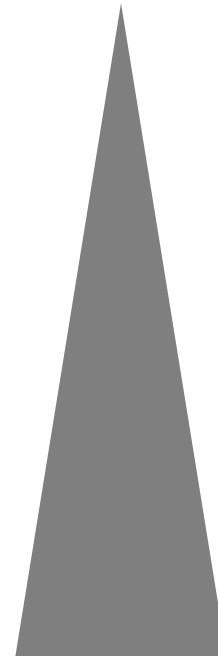
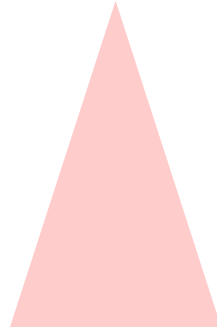
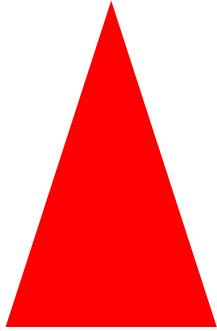
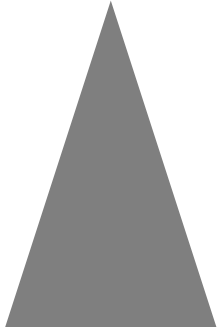
Pill/Rounded Rectangles



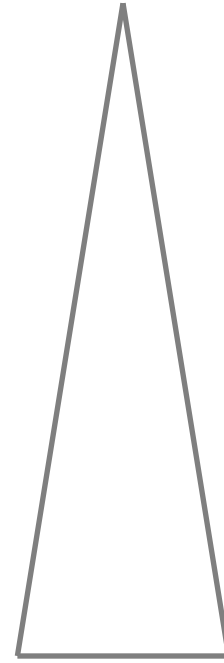
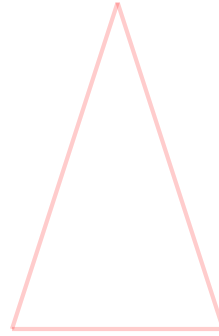
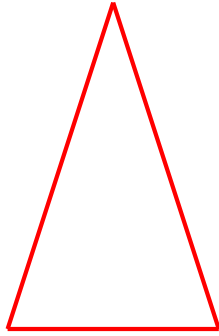
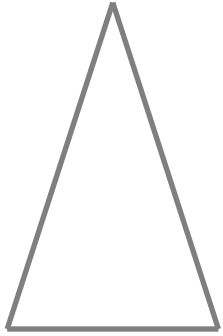
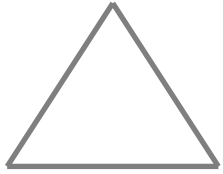


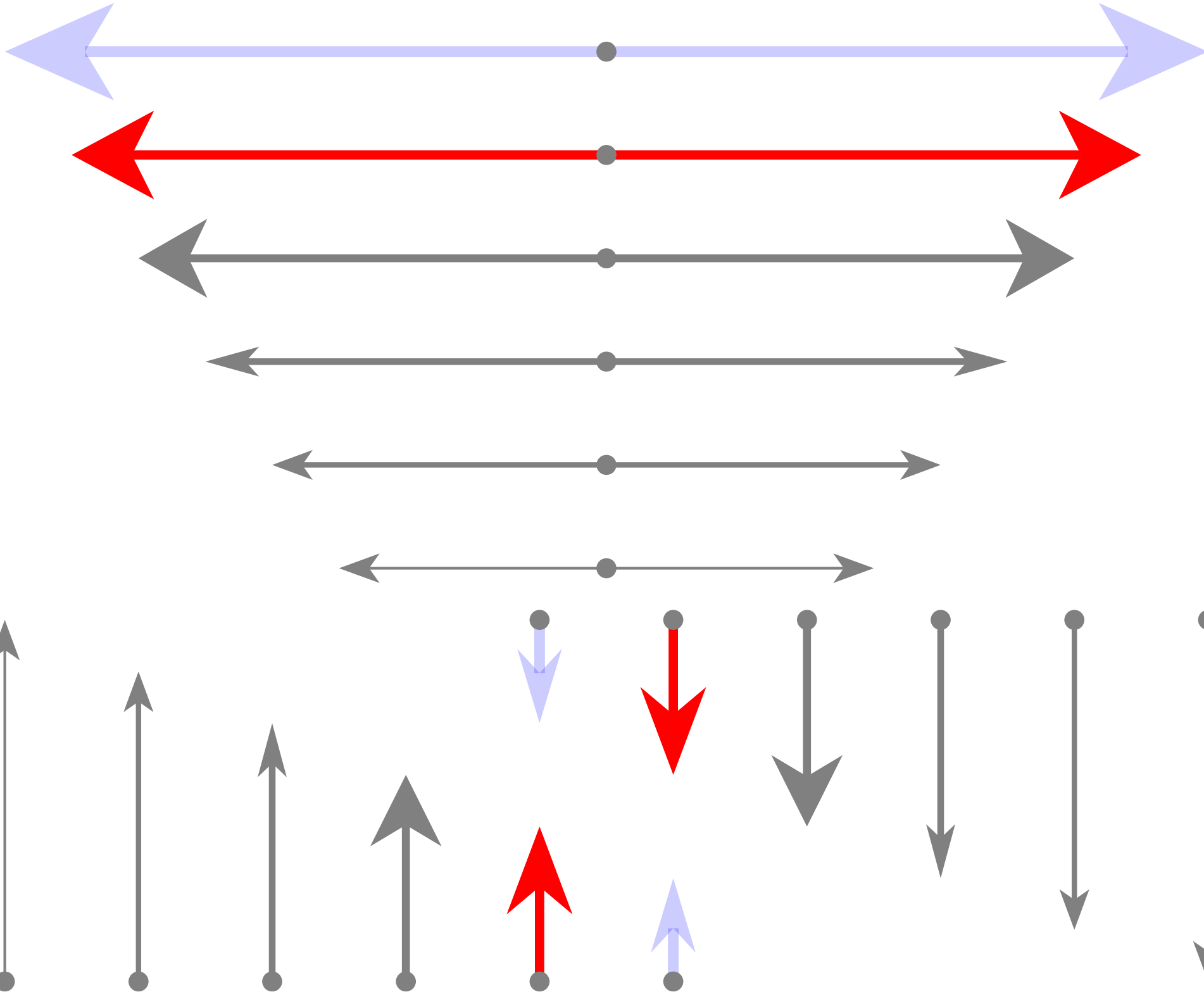
Shapes

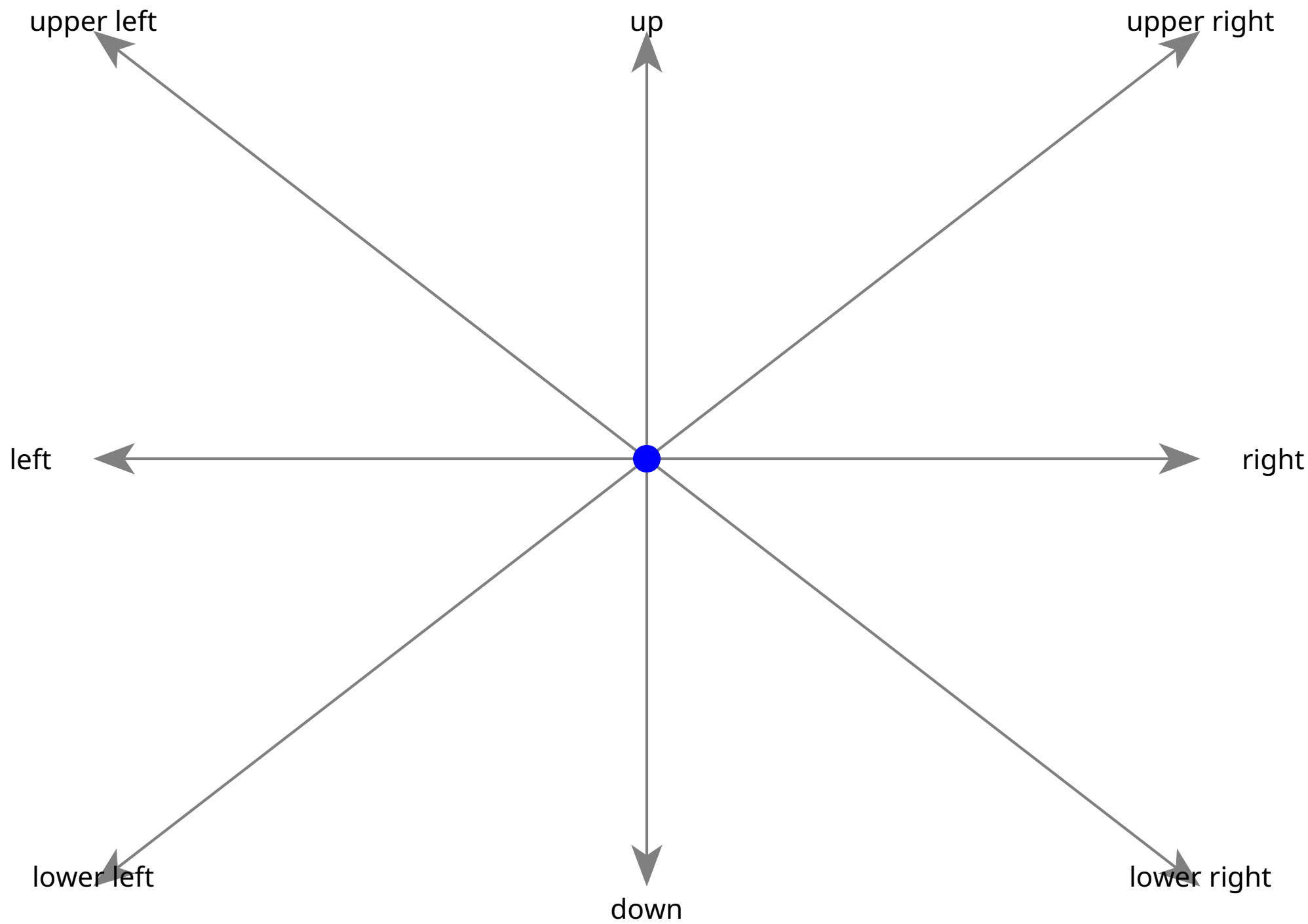
Polygon Eval

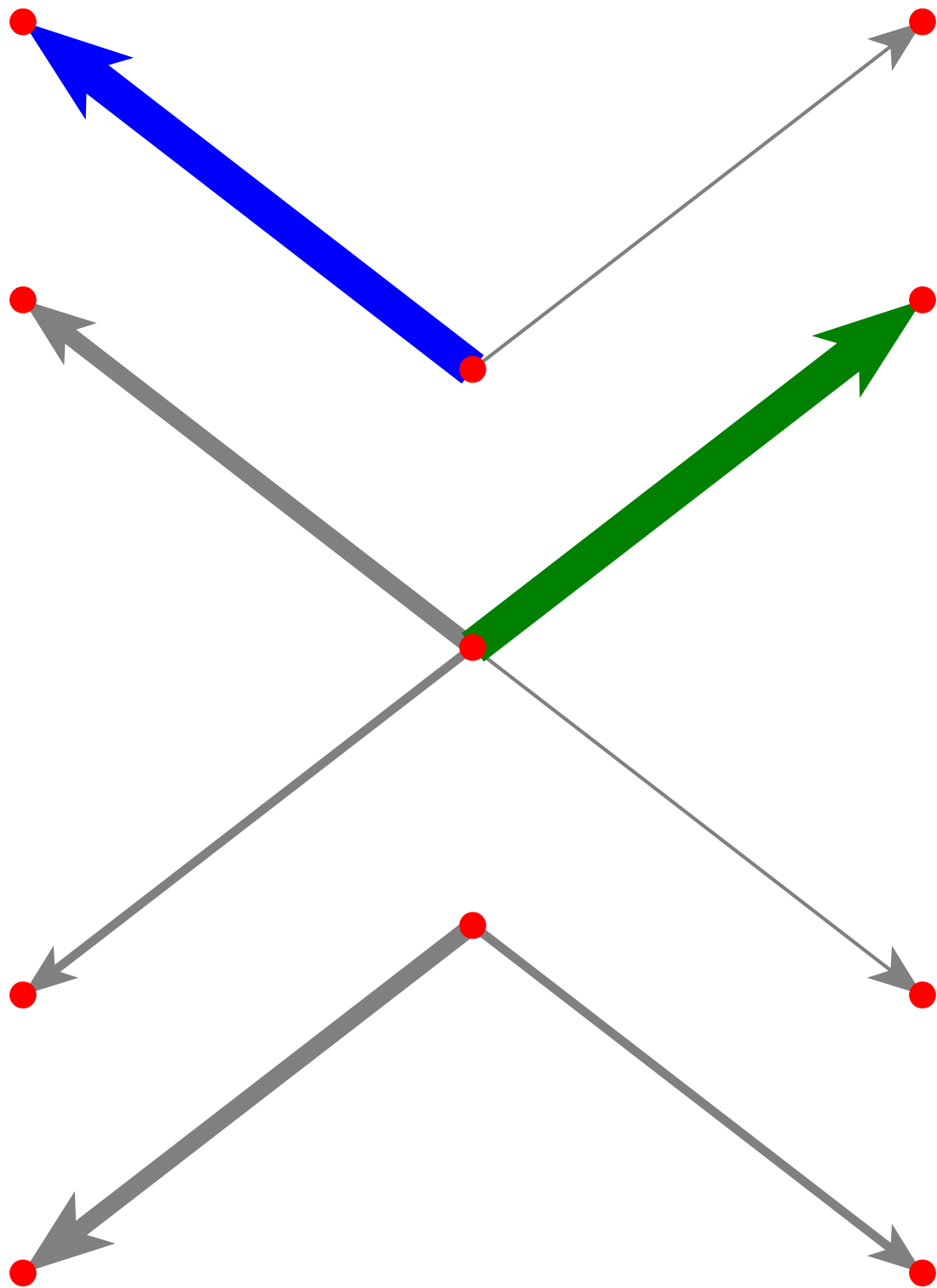


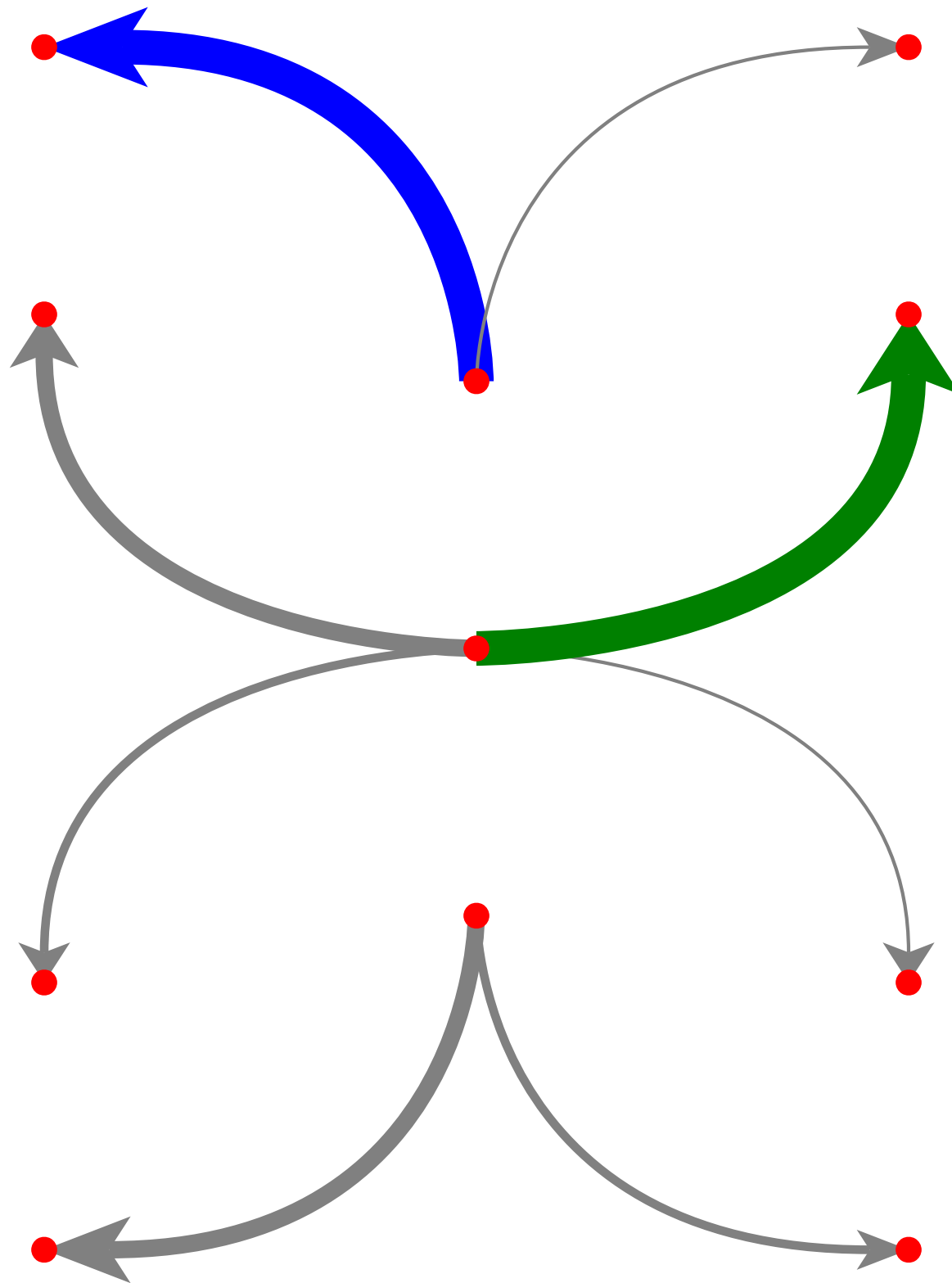
Polyline Eval

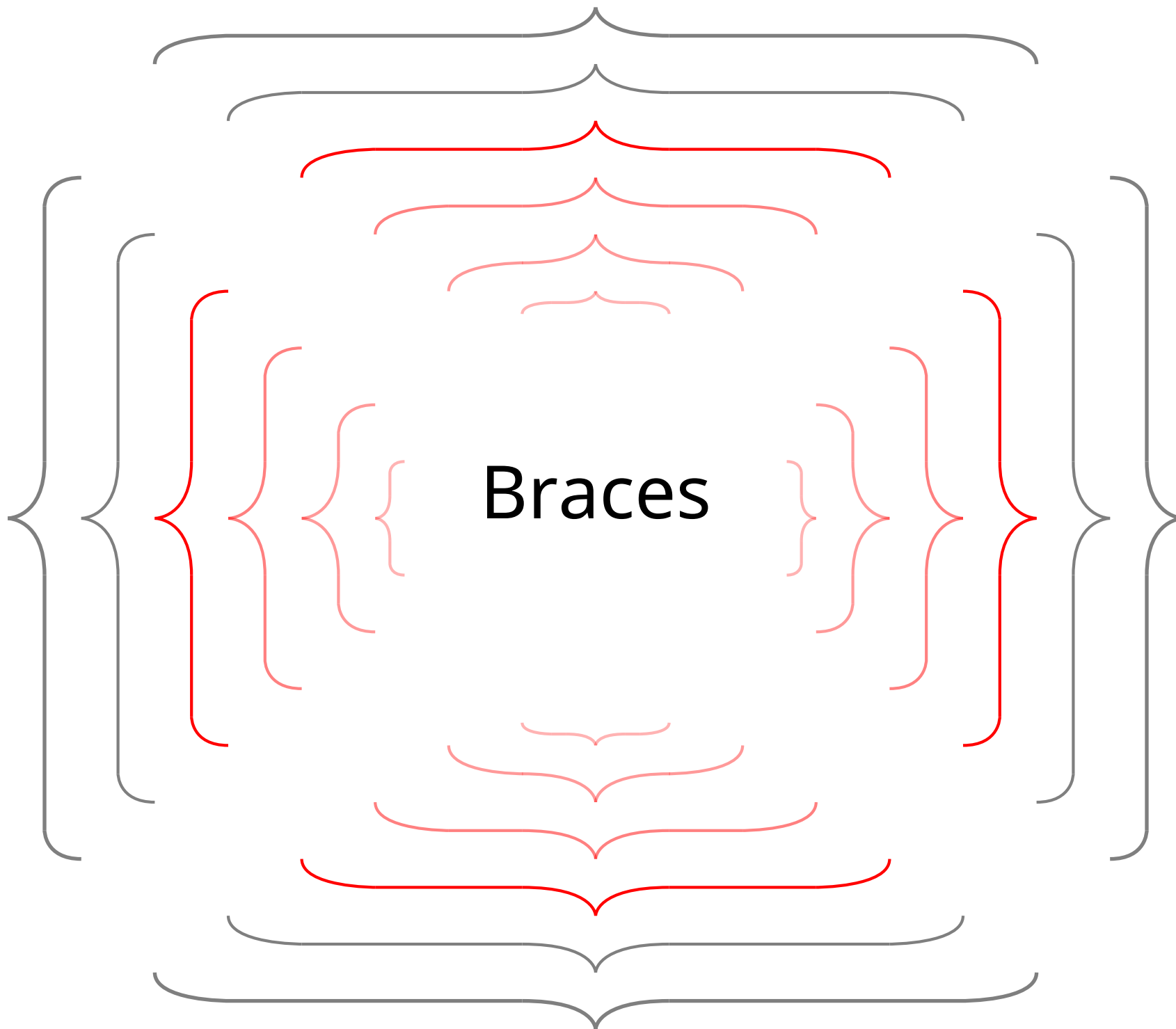


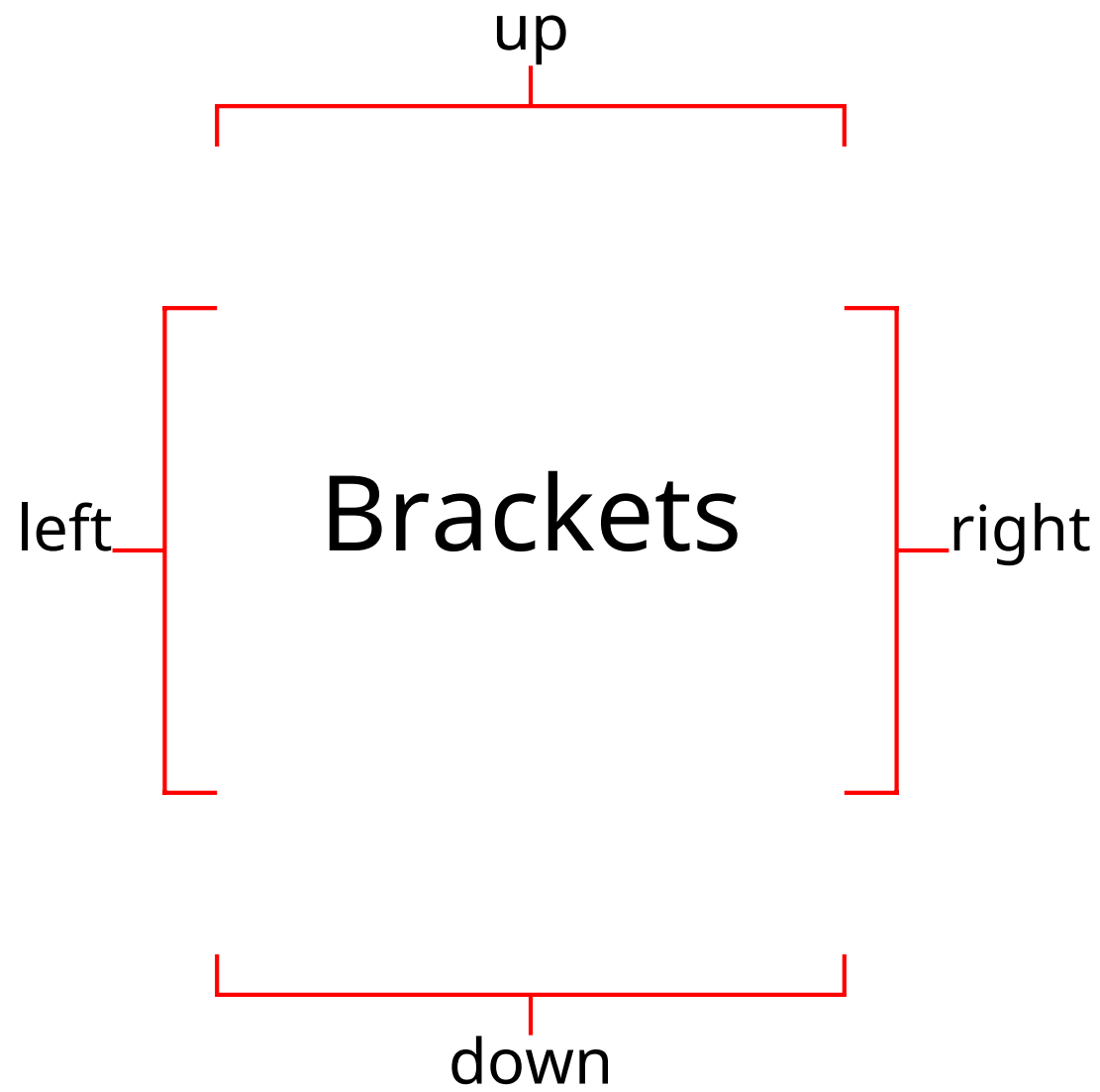




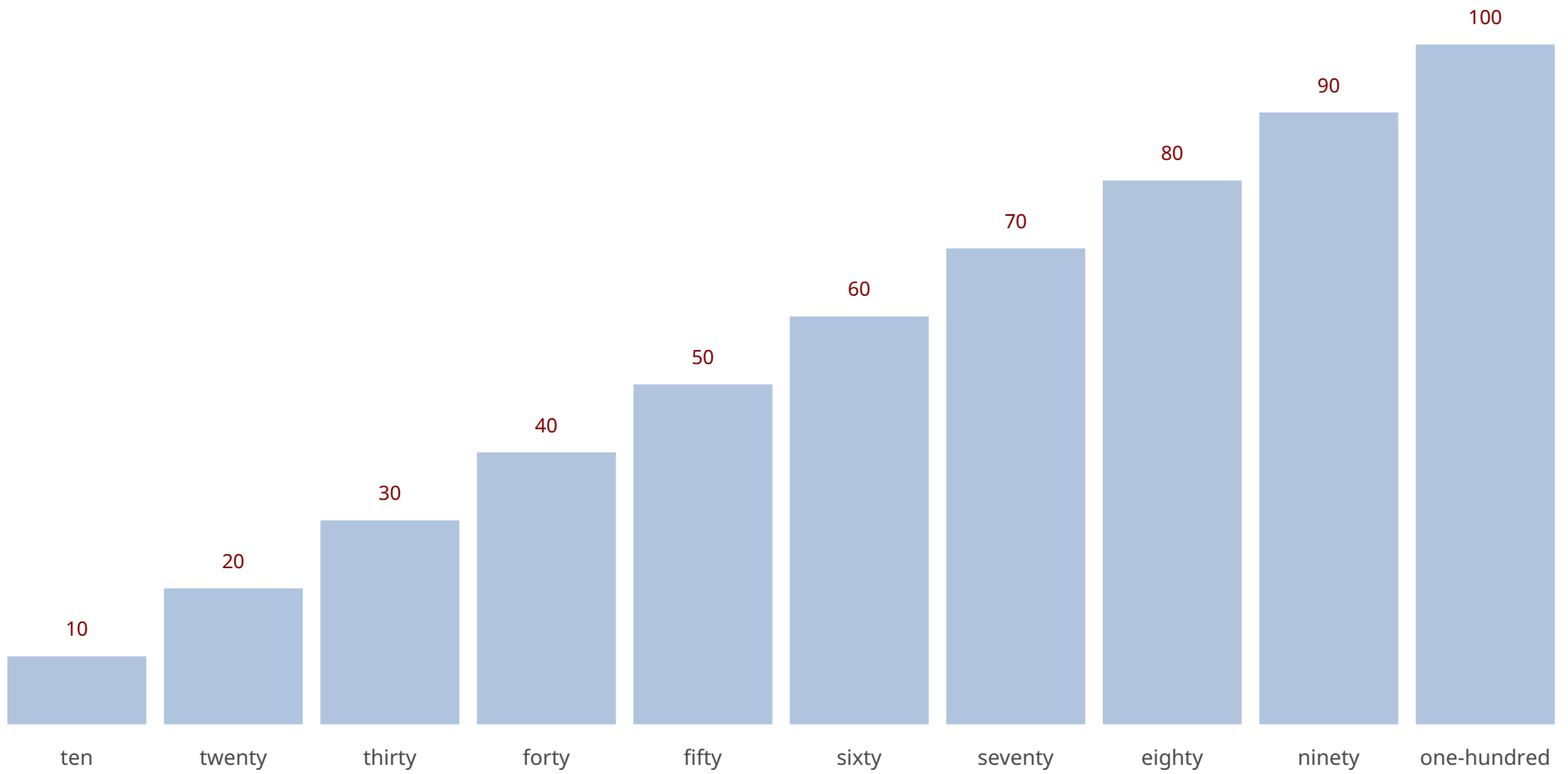


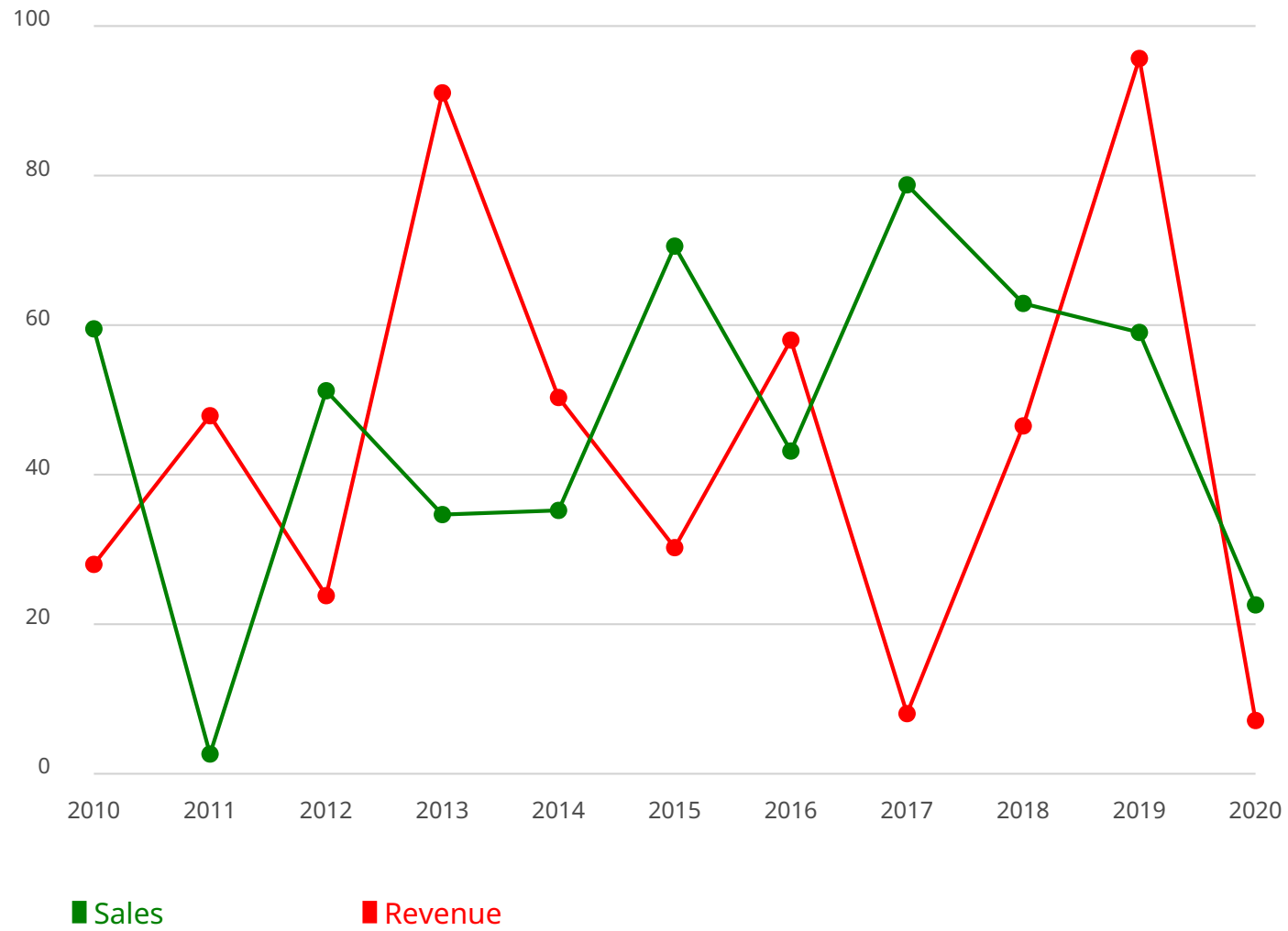






foo









LARGE

Width Scaled Image

10%



30%



50%



Geographic Funtions



Pacific
Ocean

Atlantic
Ocean

Gulf of Mexico

text

geo

Deck elements



list

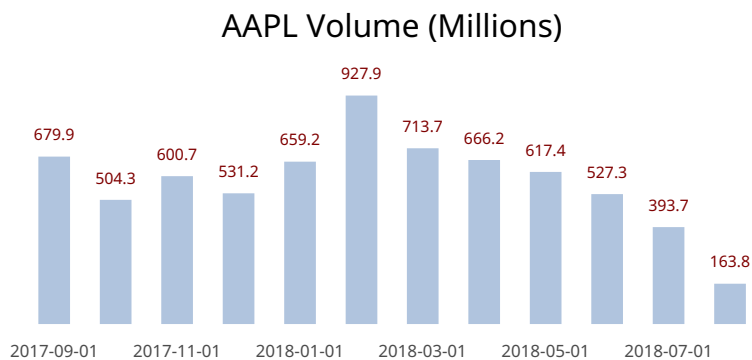
- text, image, list
- rect, ellipse, polygon
- line, arc, curve

image



Dreams

chart



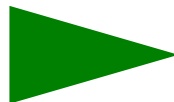
rect



ellipse



polygon



line



arc



curve

