

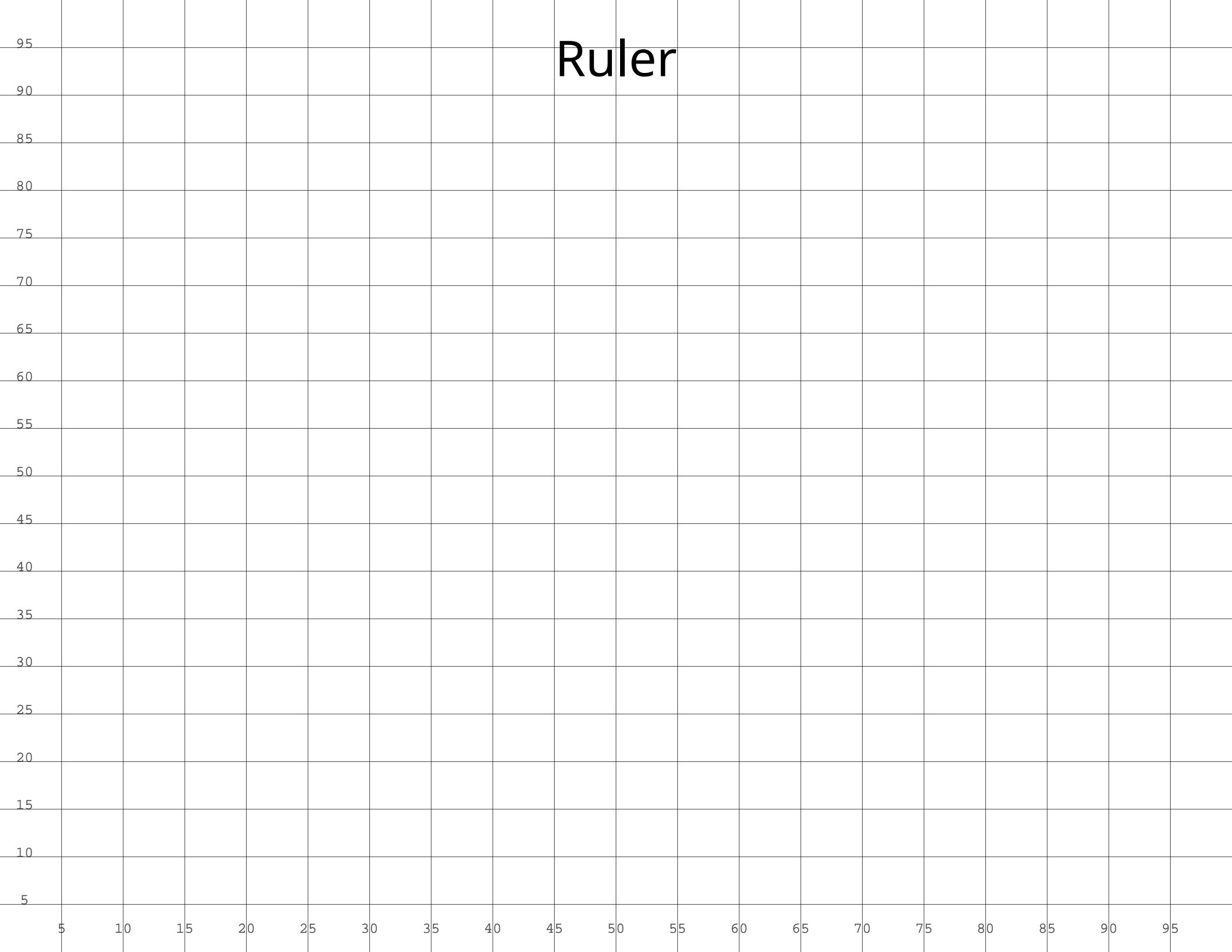
# decksh tests

version

2025-09-27-1.0.0

Empty

# Ruler



# Ruler 20

80

60

40

20

20

40

60

80

Ruler 10 colored

90

80

70

60

50

40

30

20

10

10

20

30

40

50

60

70

80

90

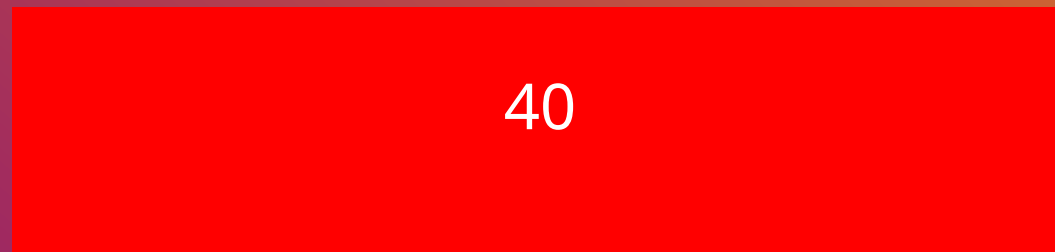
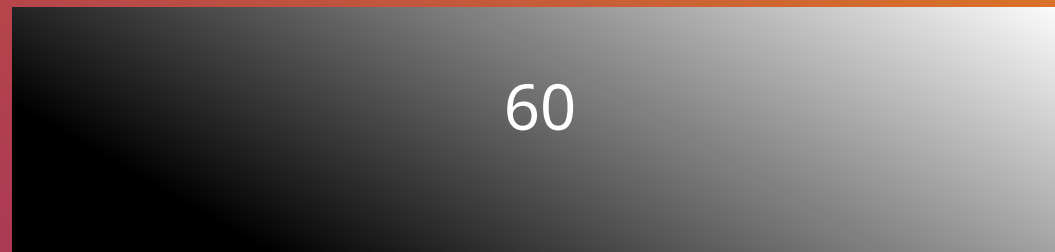
Background color only

# 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 )



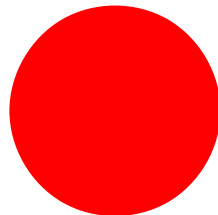
( 40 , 20 )



( 60 , 20 )



( 80 , 20 )



# Conditionals

r=4.93    x=28.68    b=44.28

equal to

r == x

not equal to

r != x        YES

greater than

r > x

less than

r < x        YES

greater than or equal to

r >= x

less than or equal to

r <= x        YES

between

r >< x b

# 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
```

r=45.52

in the else clause

x=48.98

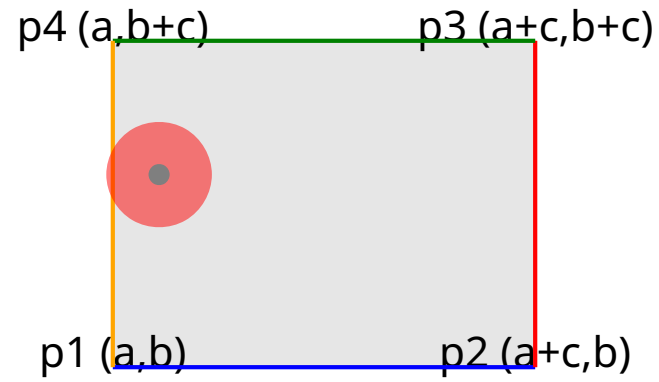
# String Conditionals



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"
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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
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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

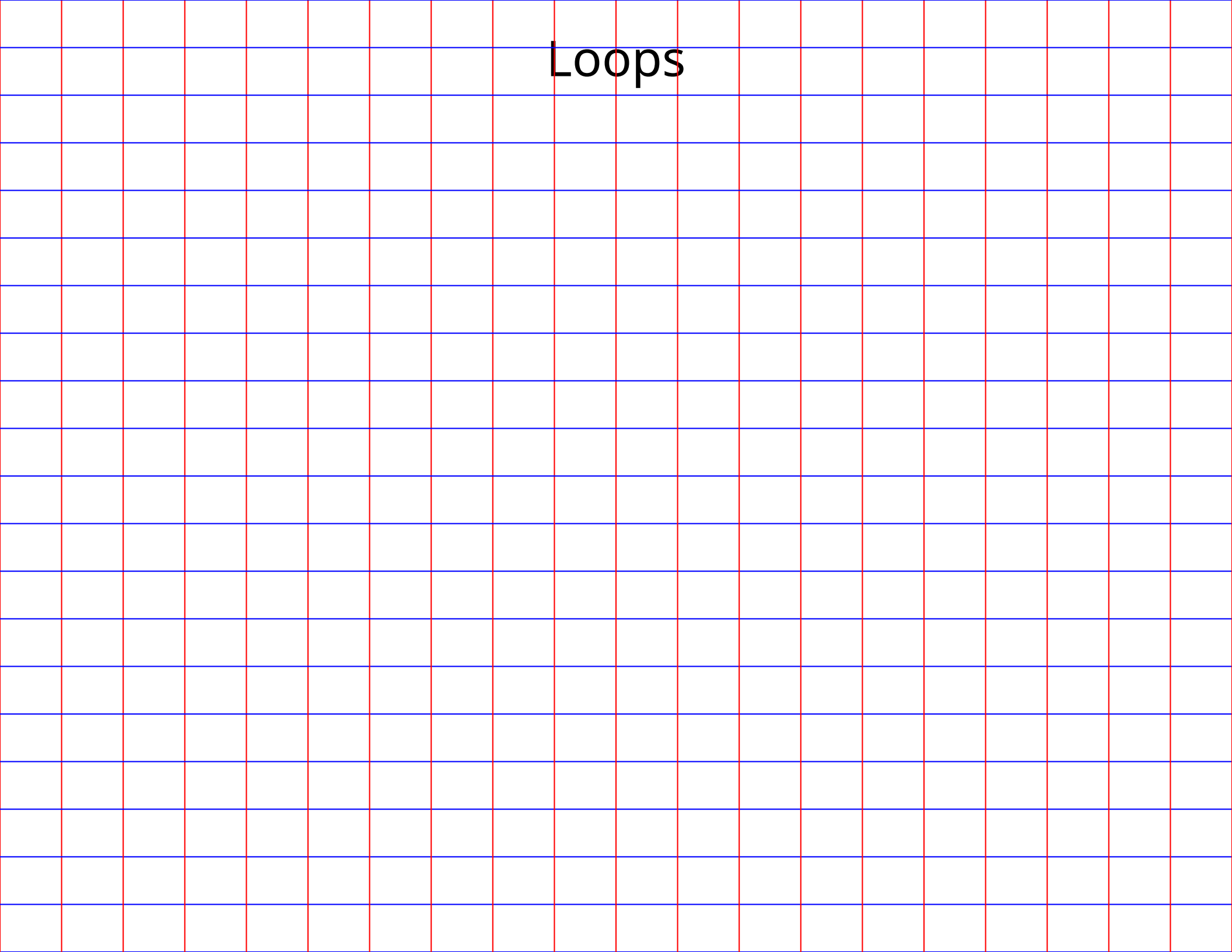
one

two

three

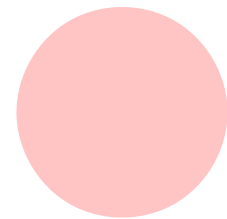
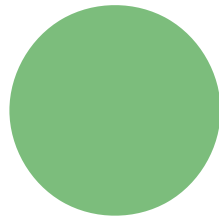
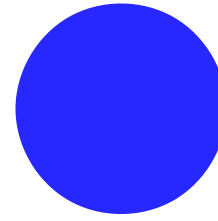
four

# 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 down 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

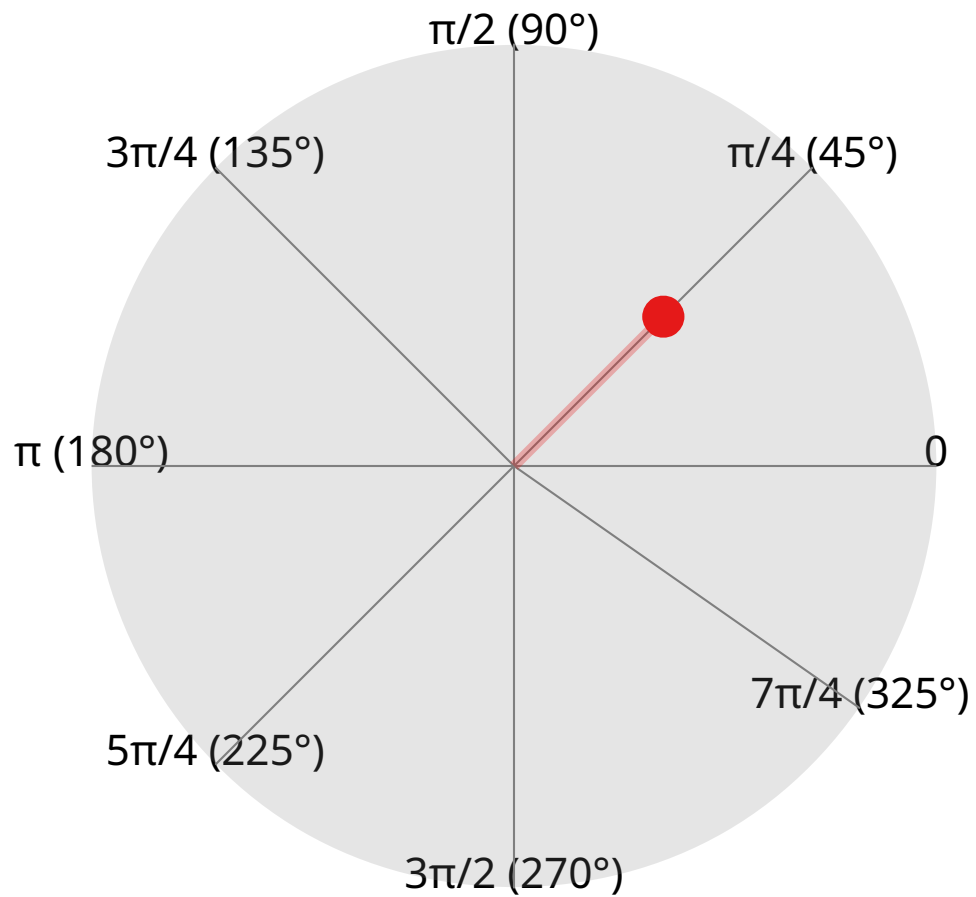
x minus y=-10

x divided by y=0.5

x times y=200

x mod y=10

# Polar Coordinates





# Map Ranges

1958

1980

1990

2020

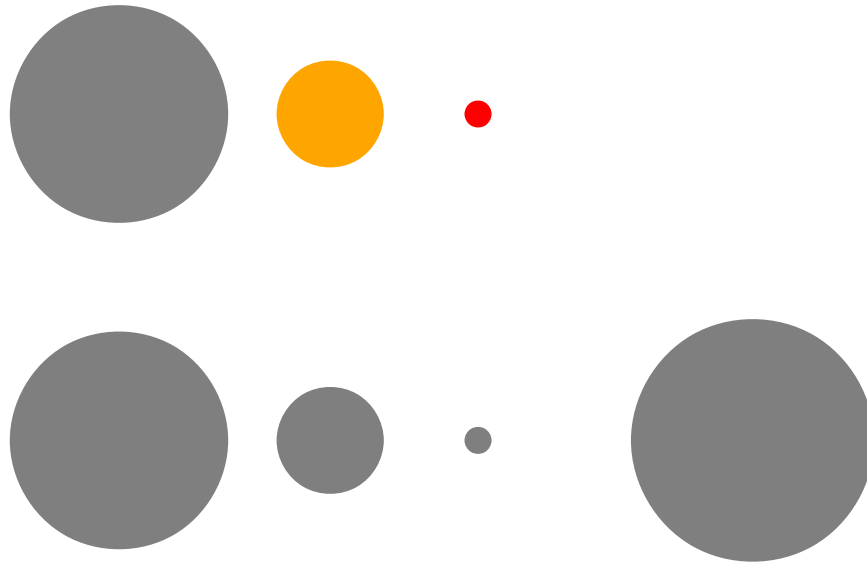
1958

1978

1980

end

# Areas



# substr

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

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

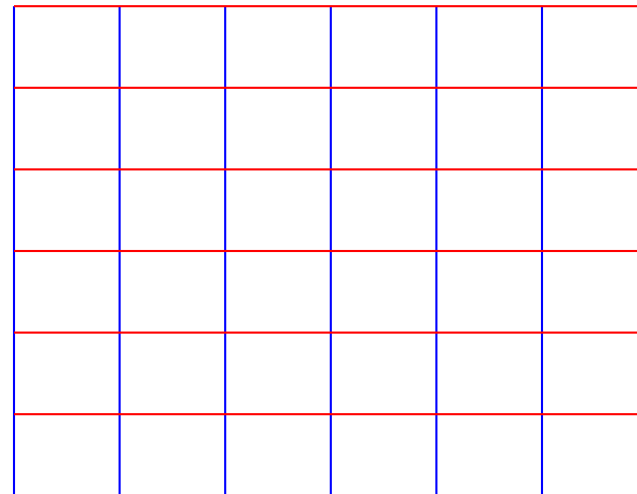
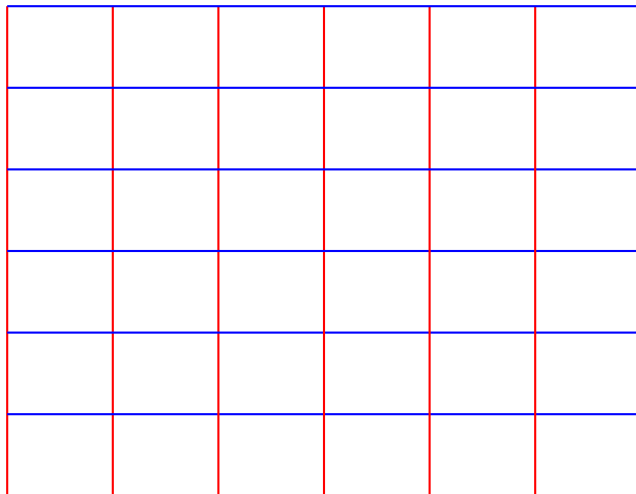
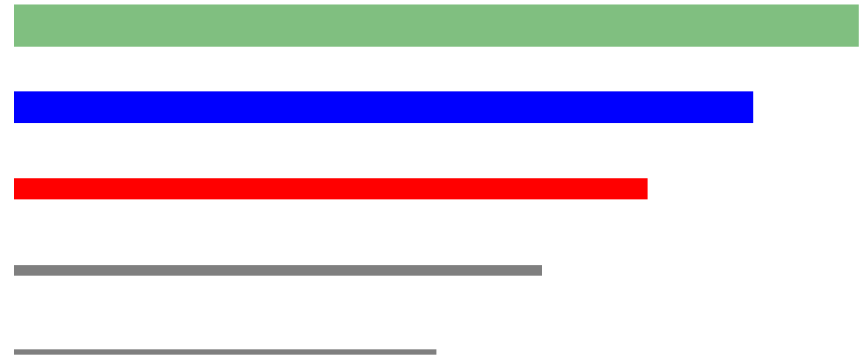
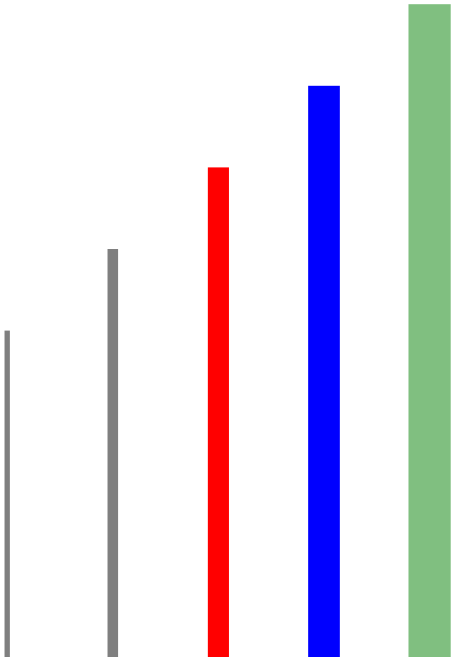
```
substr s - 4          hello
```

```
substr s 7 -          world
```

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

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

# Lines

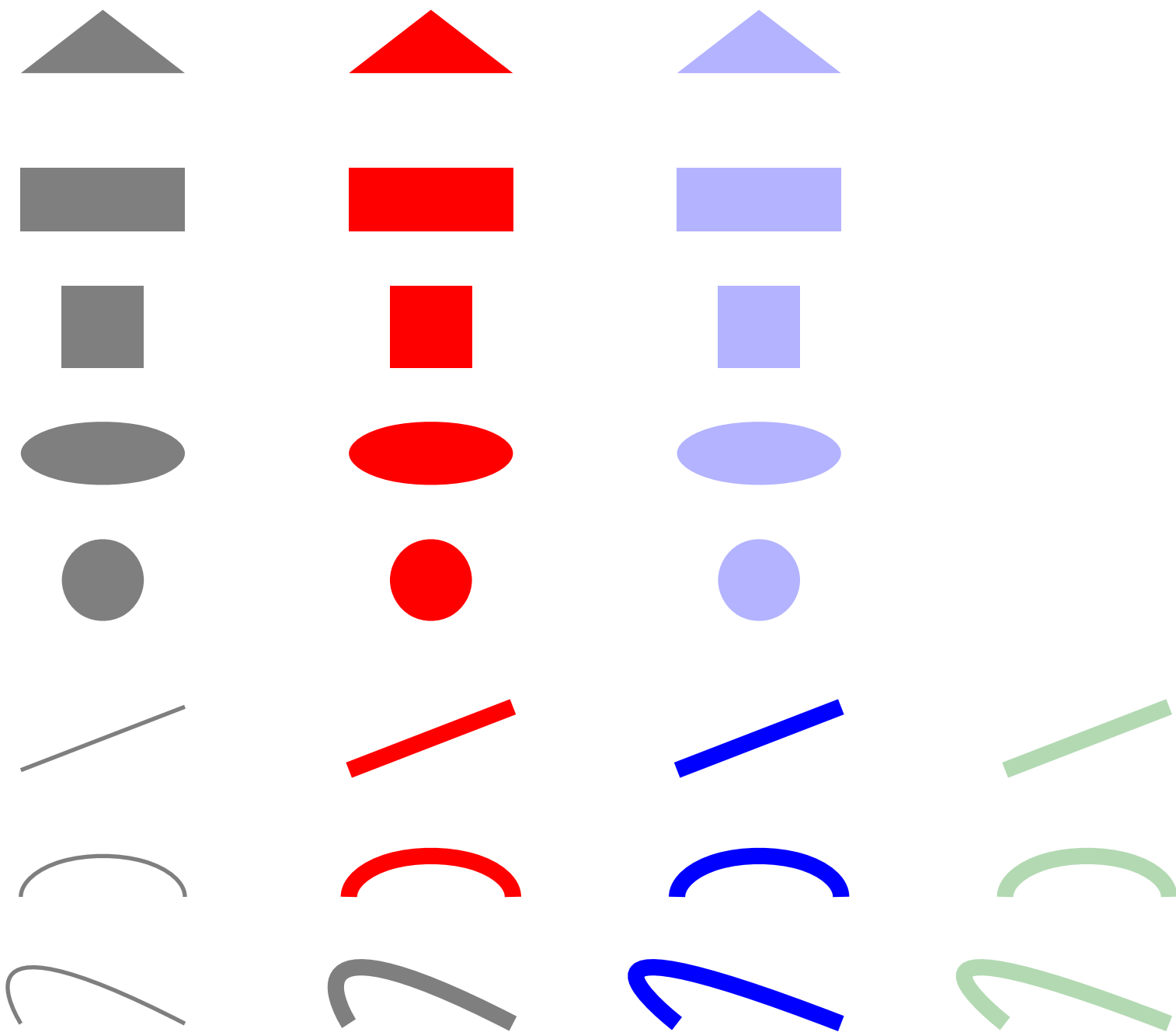


# Stars



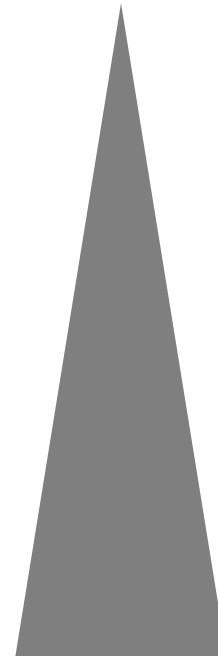
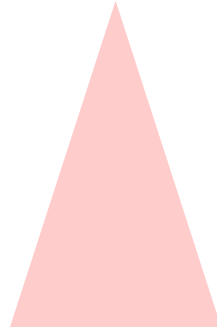
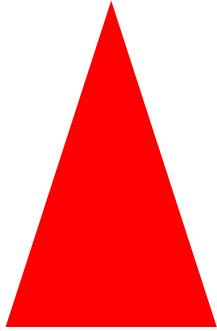
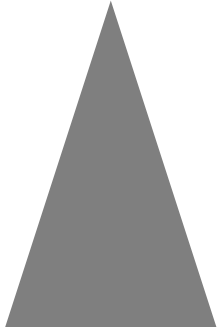
# Pill/Rounded Rectangles





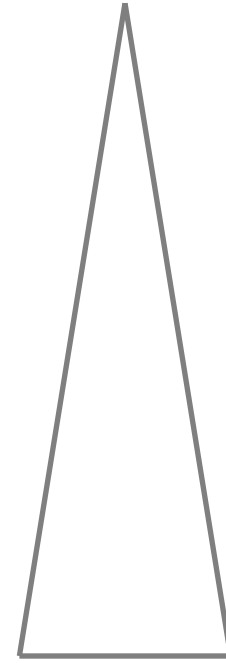
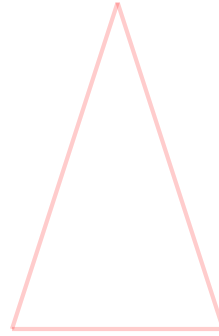
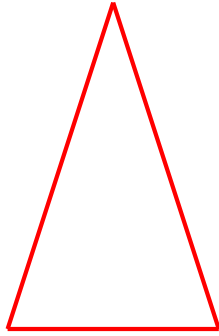
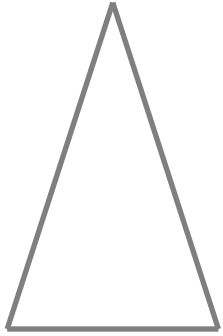
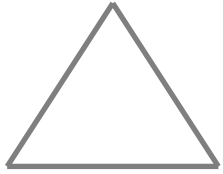
Shapes

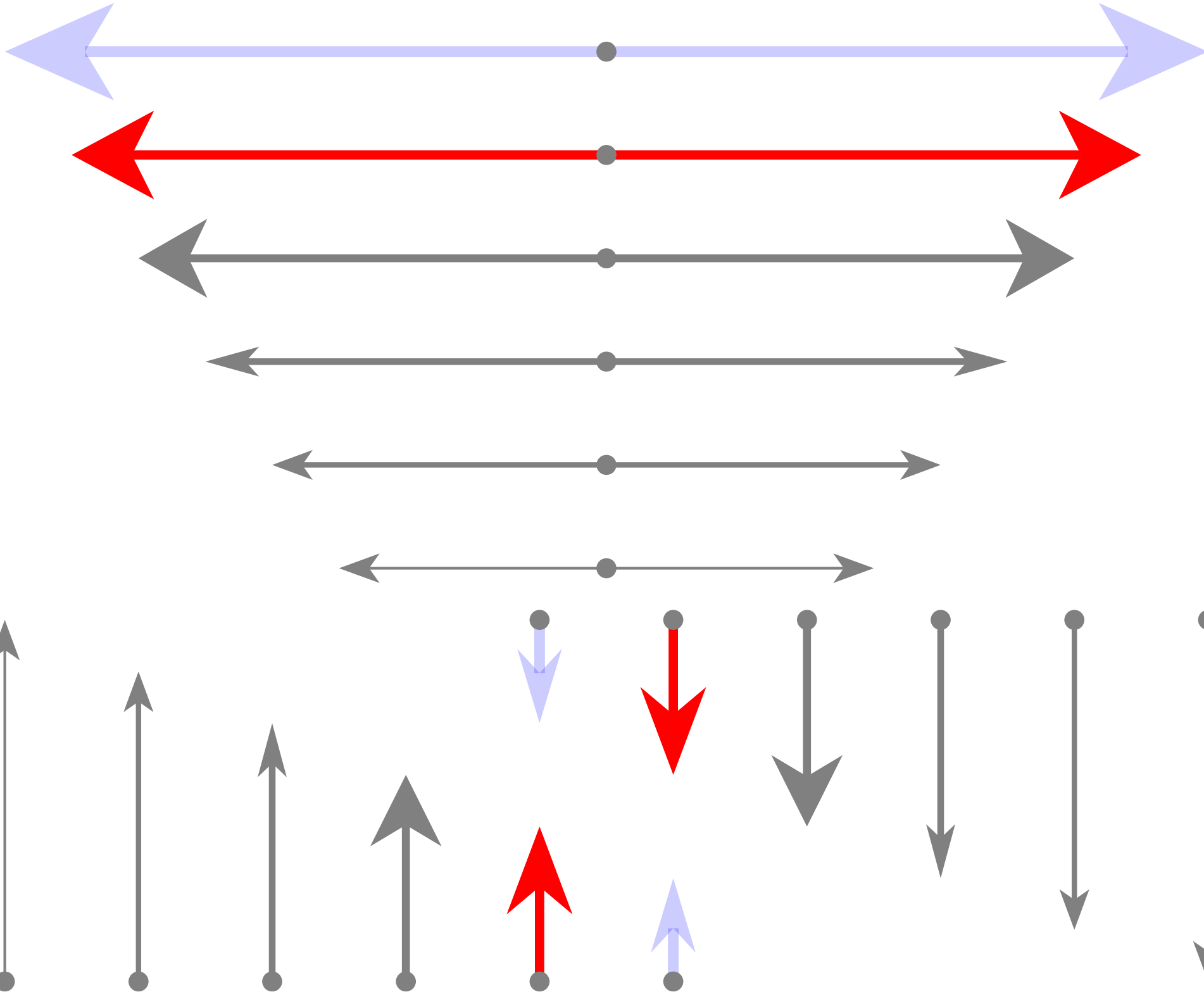
# Polygon Eval

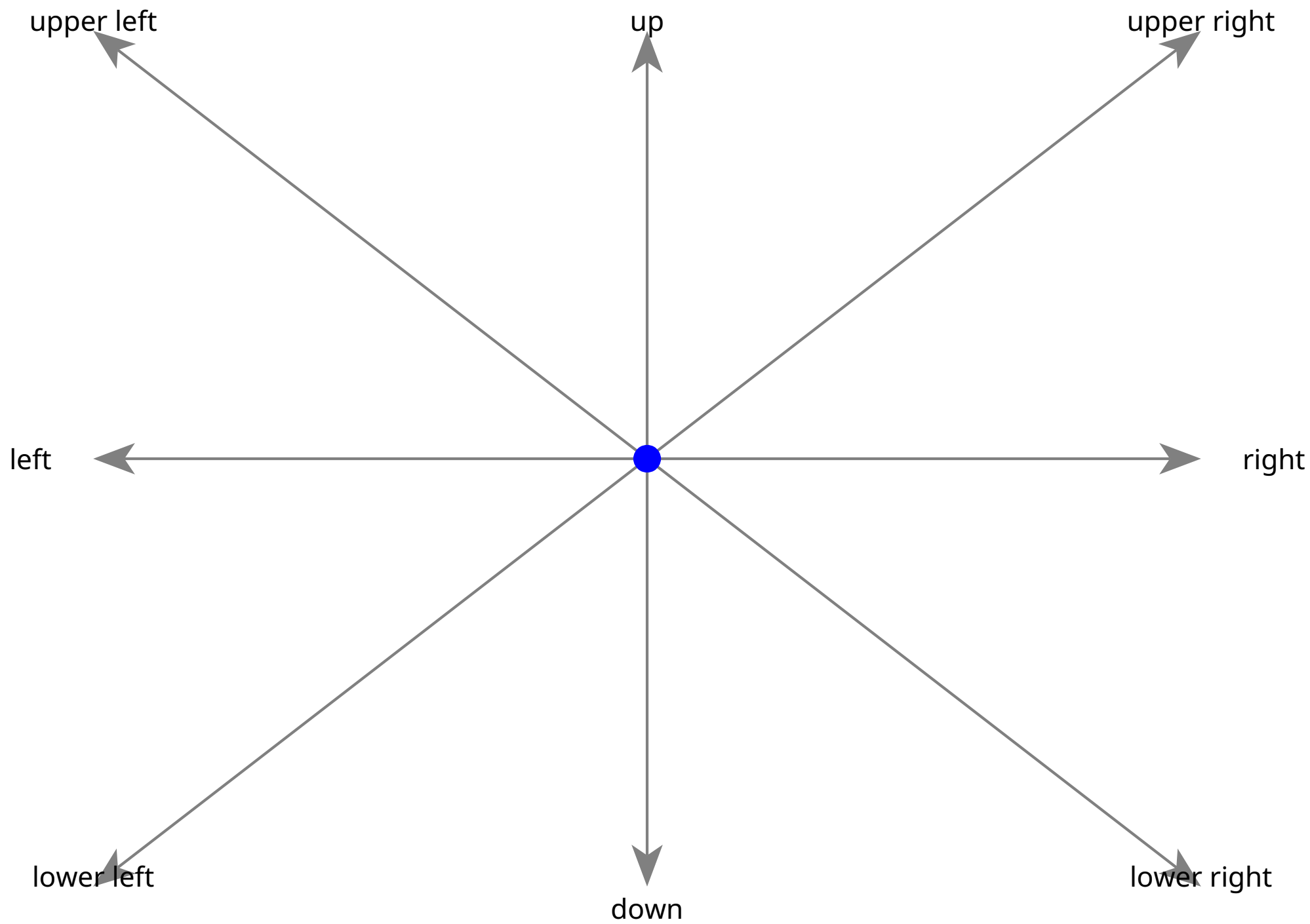


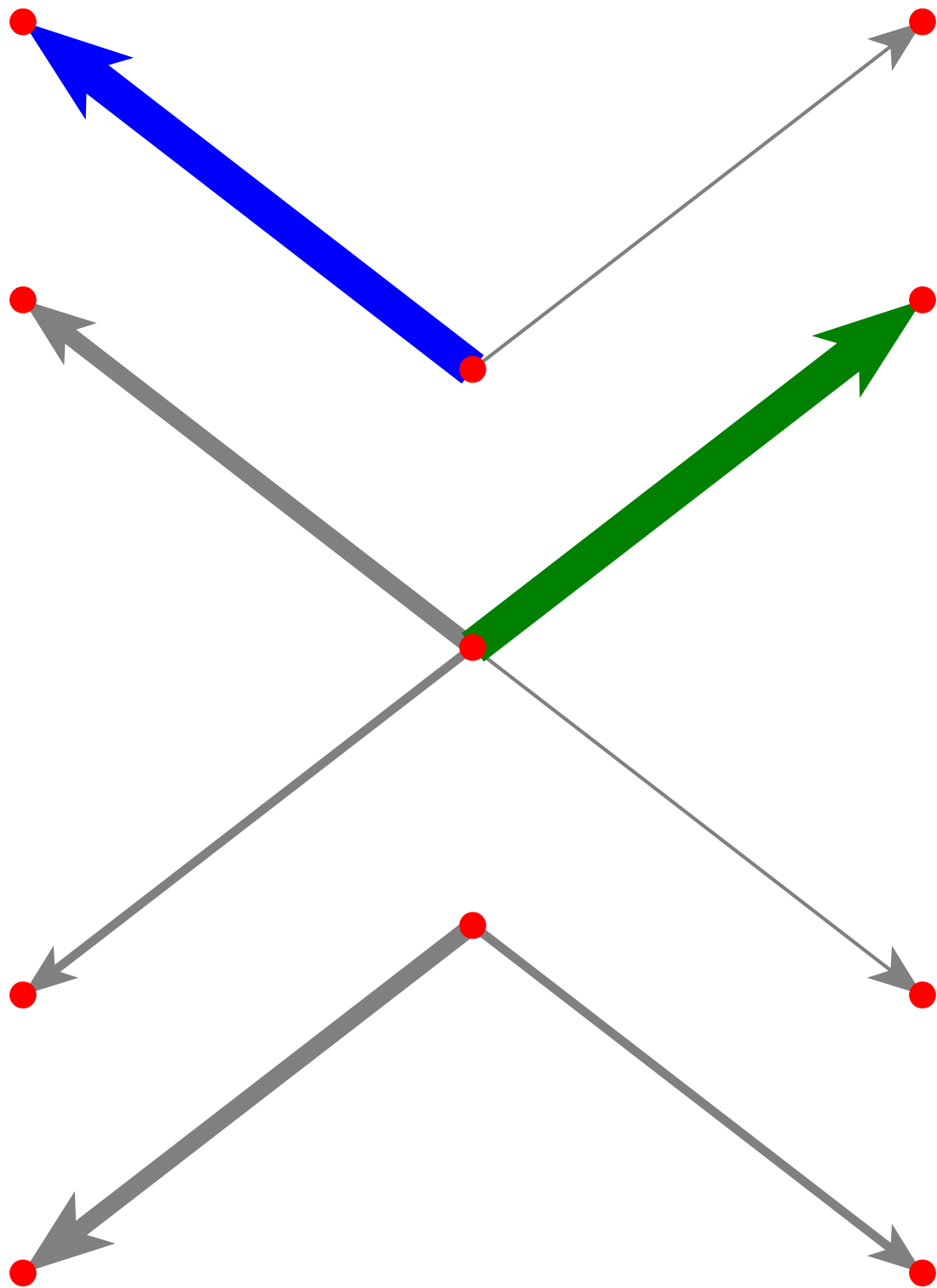


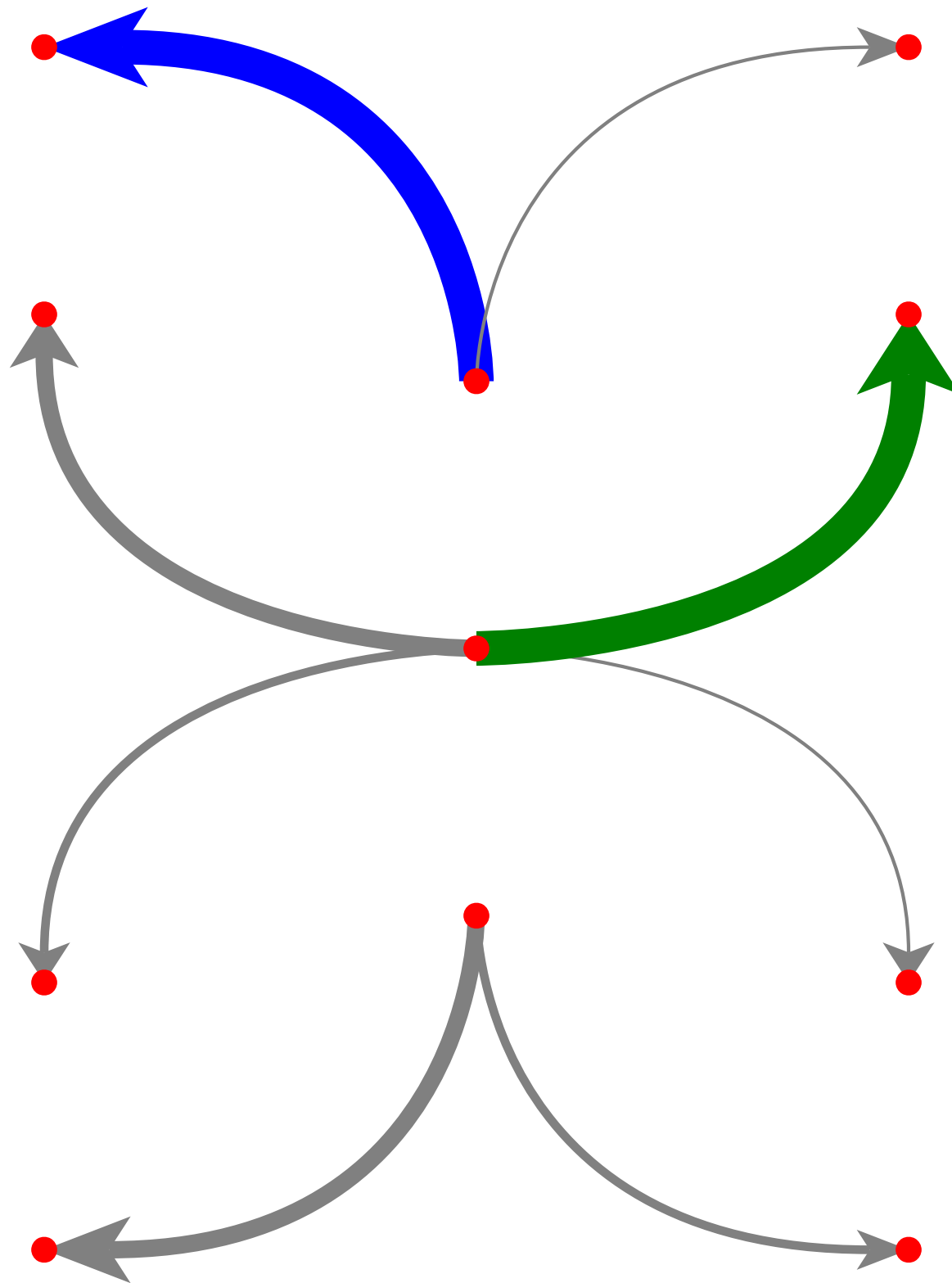
# Polyline Eval

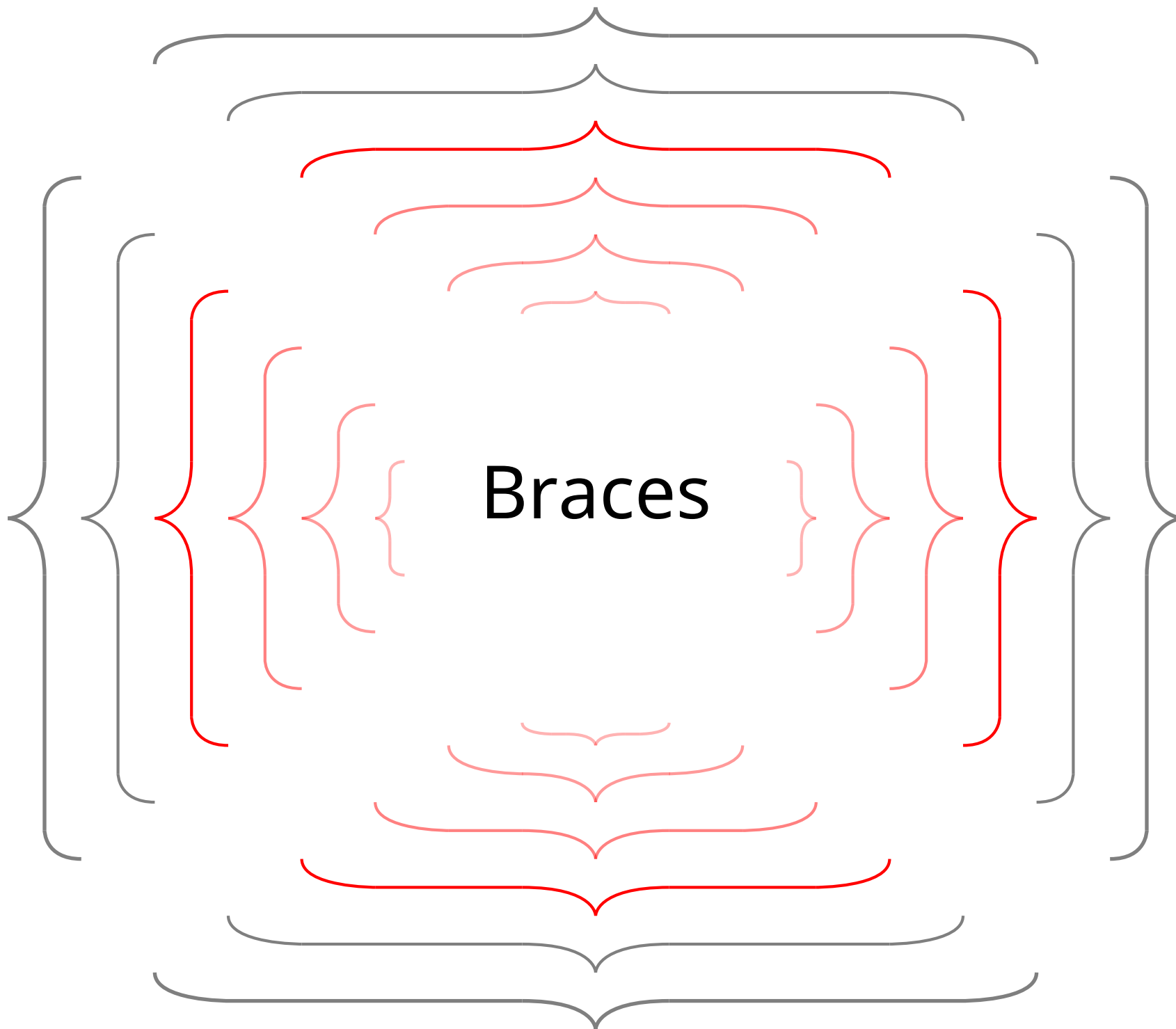


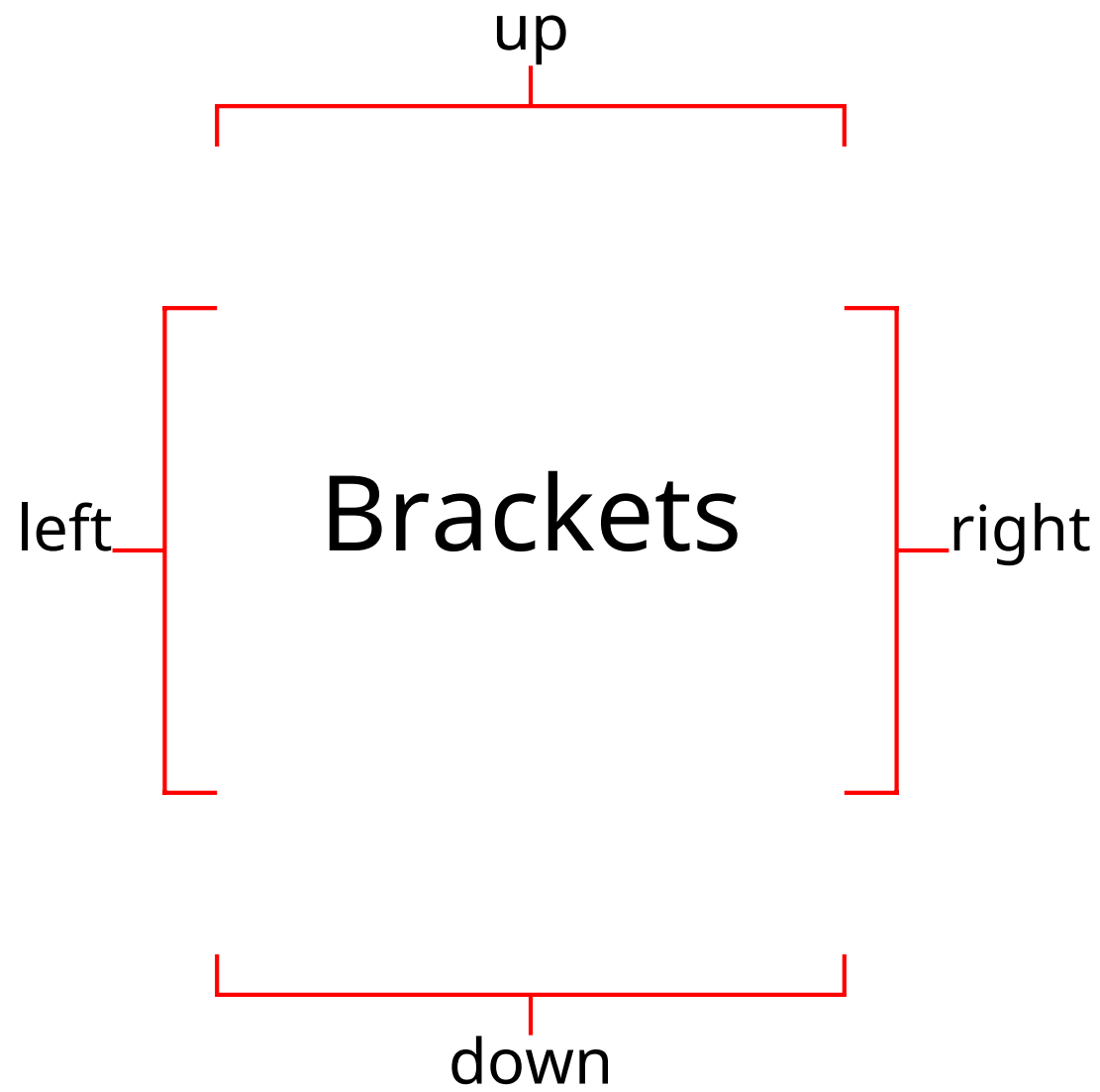




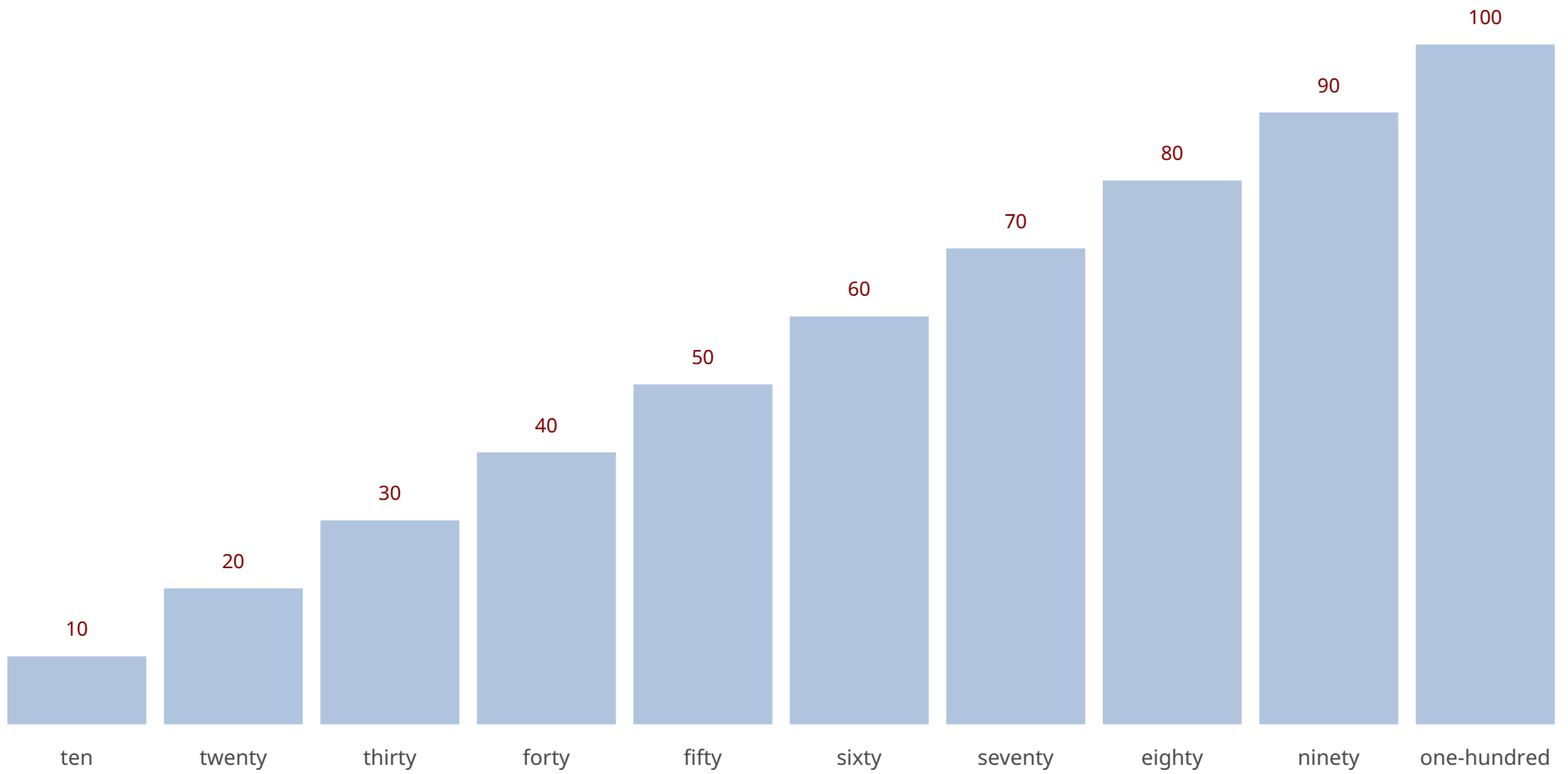




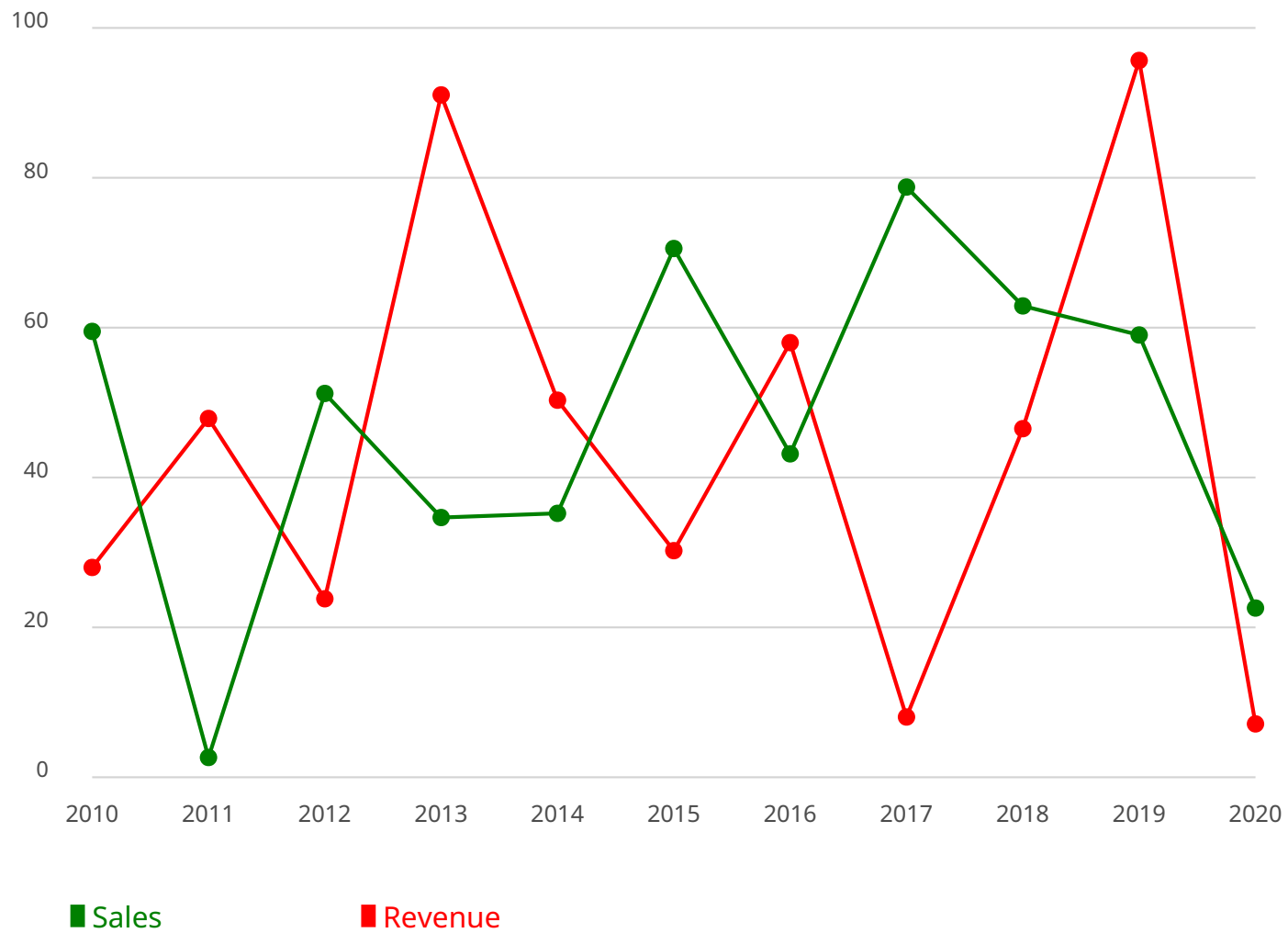




foo













LARGE



# Width Scaled Image

10%



30%



50%





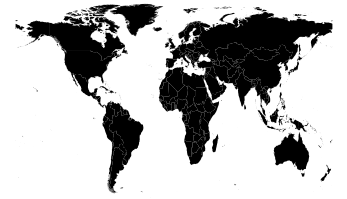
text

geo

# Deck elements

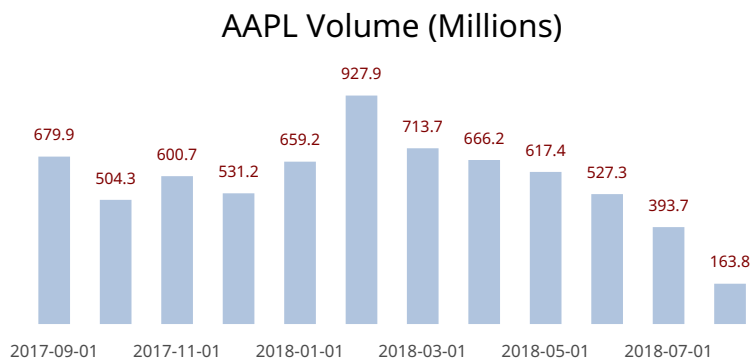
list

image



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

chart



Dreams

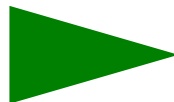
rect



ellipse



polygon



line



arc



curve

