

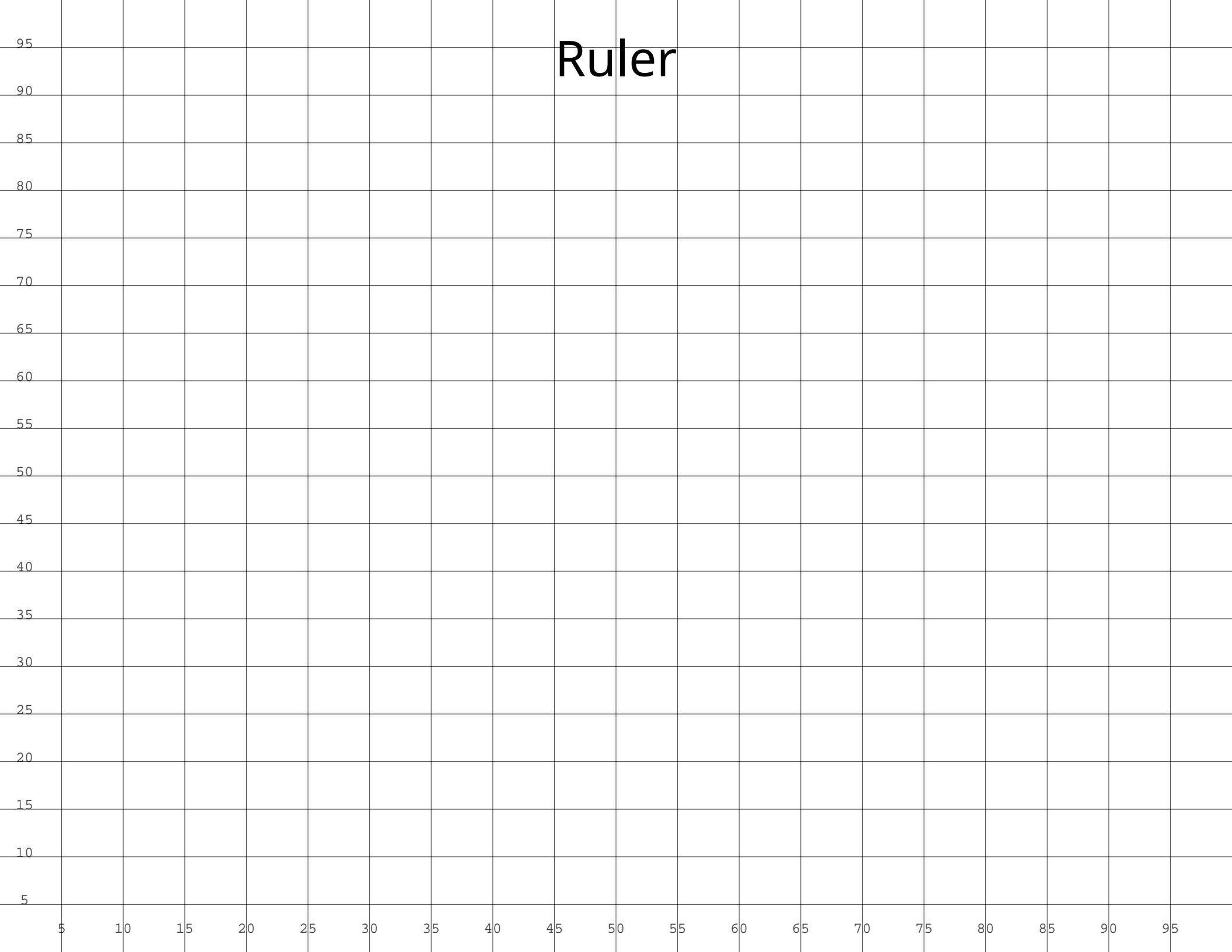
# decksh tests

version

2025-12-23-1.0.0

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 every 10 units from 10 to 90. The ruler scale on the bottom has major ticks every 10 units from 10 to 90. The grid is composed of 10 columns and 10 rows. The title is in a large, black, sans-serif font.

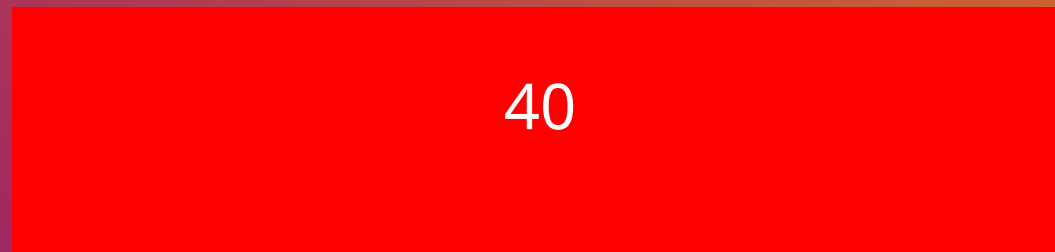
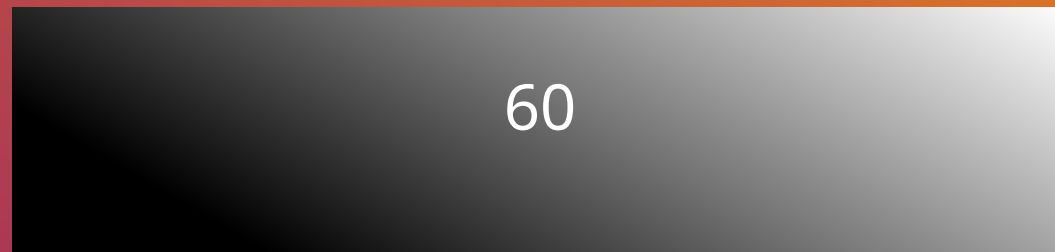
Background color only

# 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 )



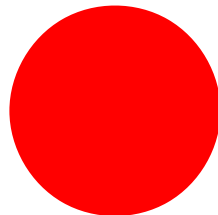
( 40 , 20 )



( 60 , 20 )



( 80 , 20 )



# Conditionals

r=8.39    x=5.53    b=47.17

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

# Conditionals (if -- else -- eif)

rv=86.89

rv is greater than xv

xv=77.58

```
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
```

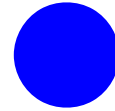
```
  rect 50 25 100 20 "blue" 20
```

```
eif
```

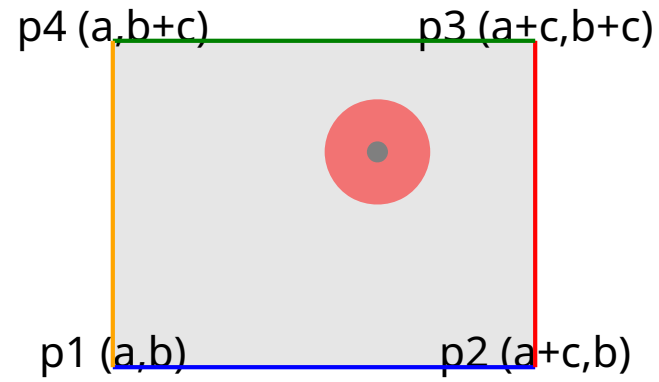
# String Conditionals



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")
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```

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

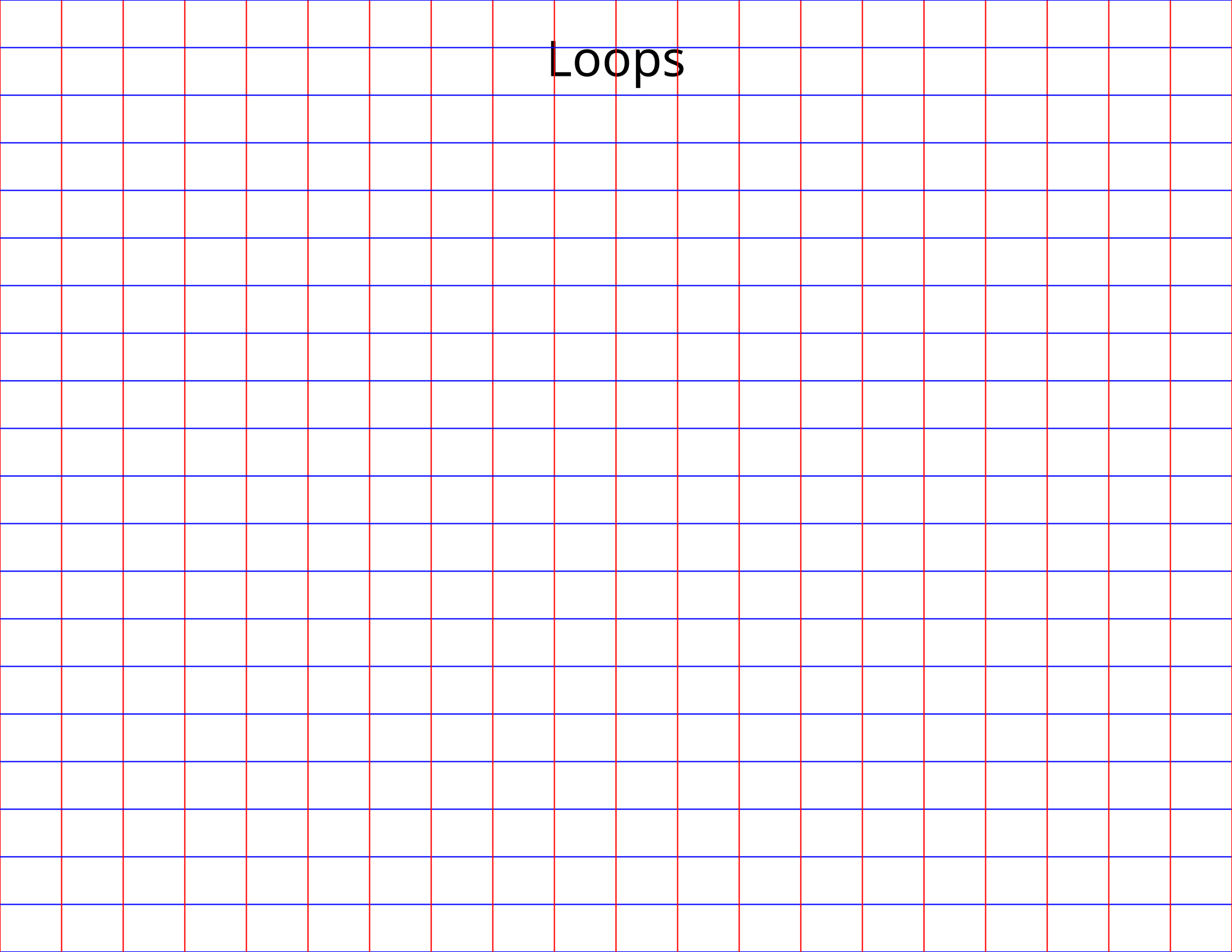
one

two

three

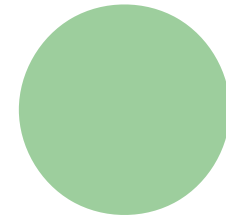
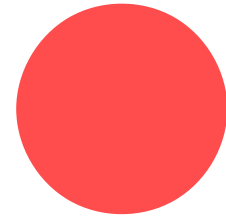
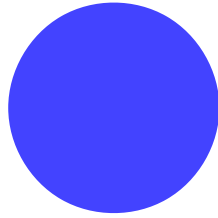
four

# Loops





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

123,456,789,012,345

12,345,678,901,234

Widget 2: 120.000

1,234,567,890,123

123,456,789,012

Total Widgets: 130

12,345,678,901

1,234,567,890

123,456,789

12,345,678

1,234,567

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

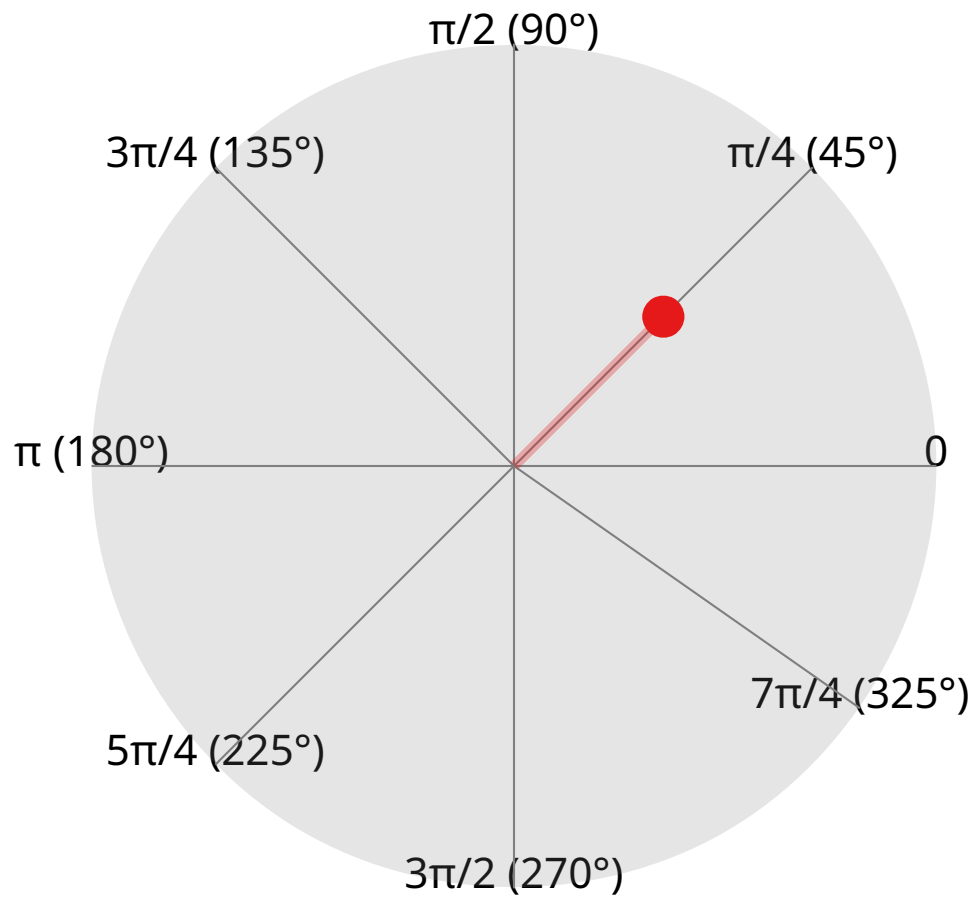
x minus y=-10

x divided by y=0.5

x times y=200

x mod y=10

# Polar Coordinates





# Map Ranges

1958

1980

1990

2020

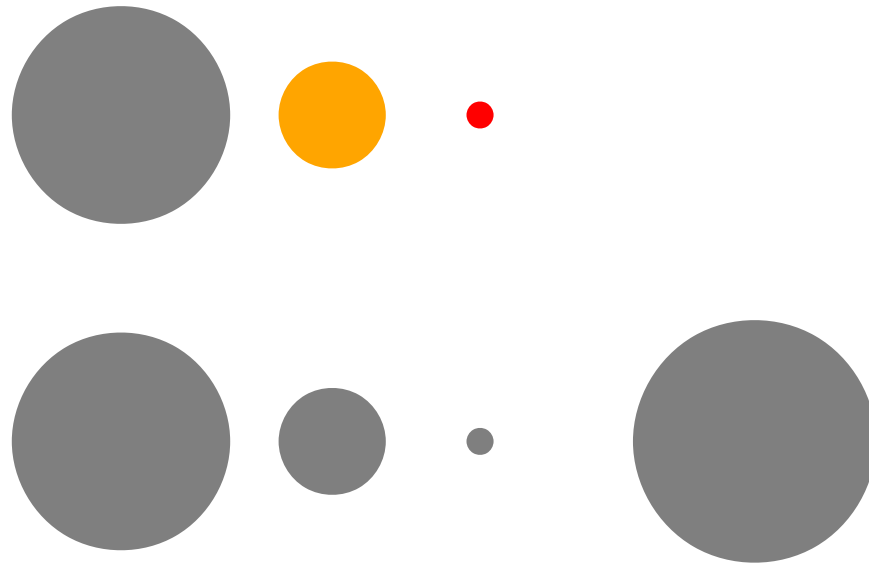
1958

1978

1980

end

# Areas



# substr s begin

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

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

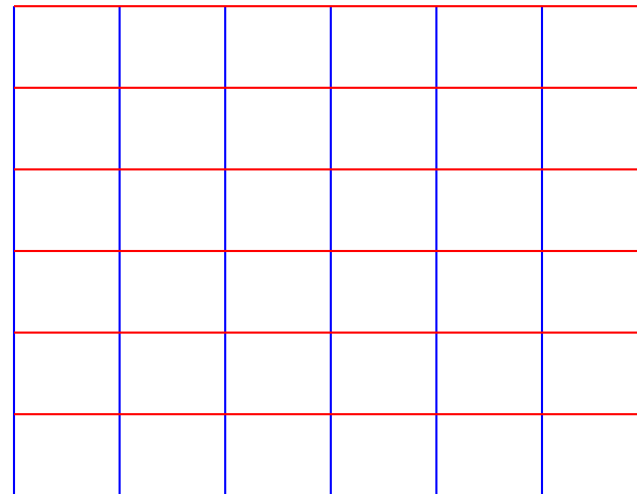
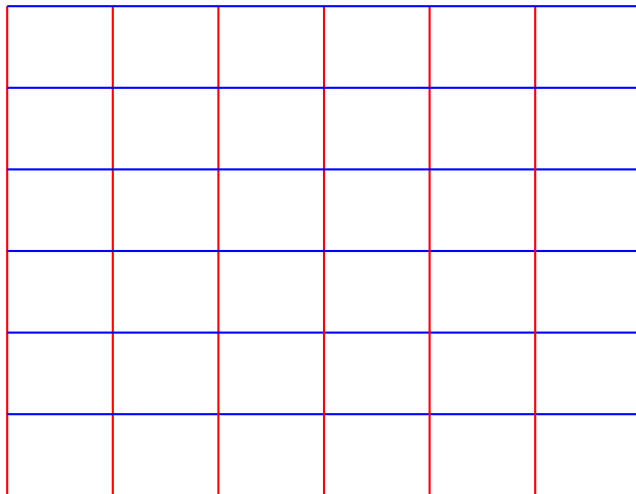
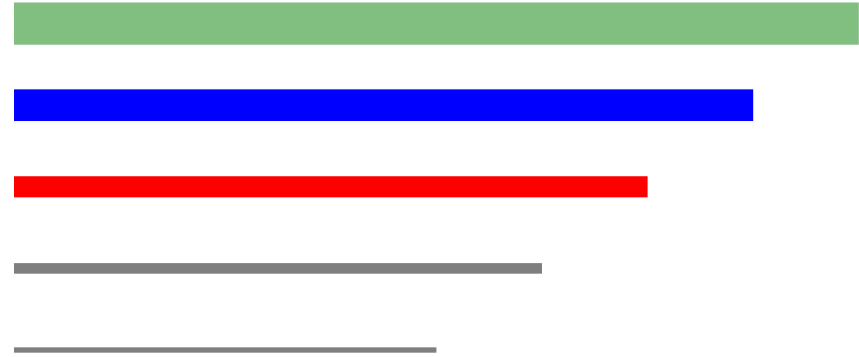
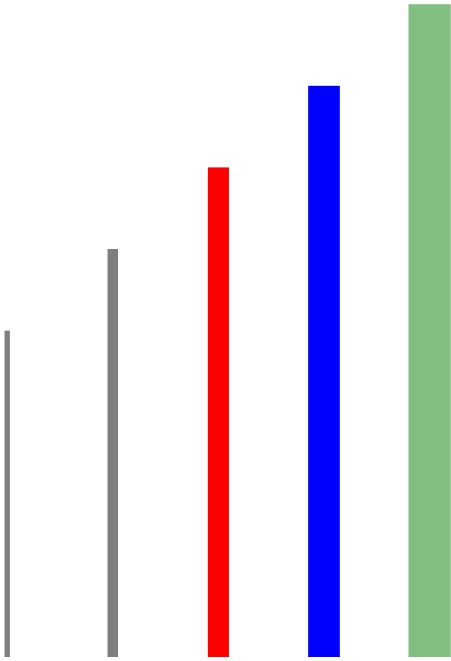
```
substr s - 4          hello
```

```
substr s 7 -          world
```

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

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

# Lines

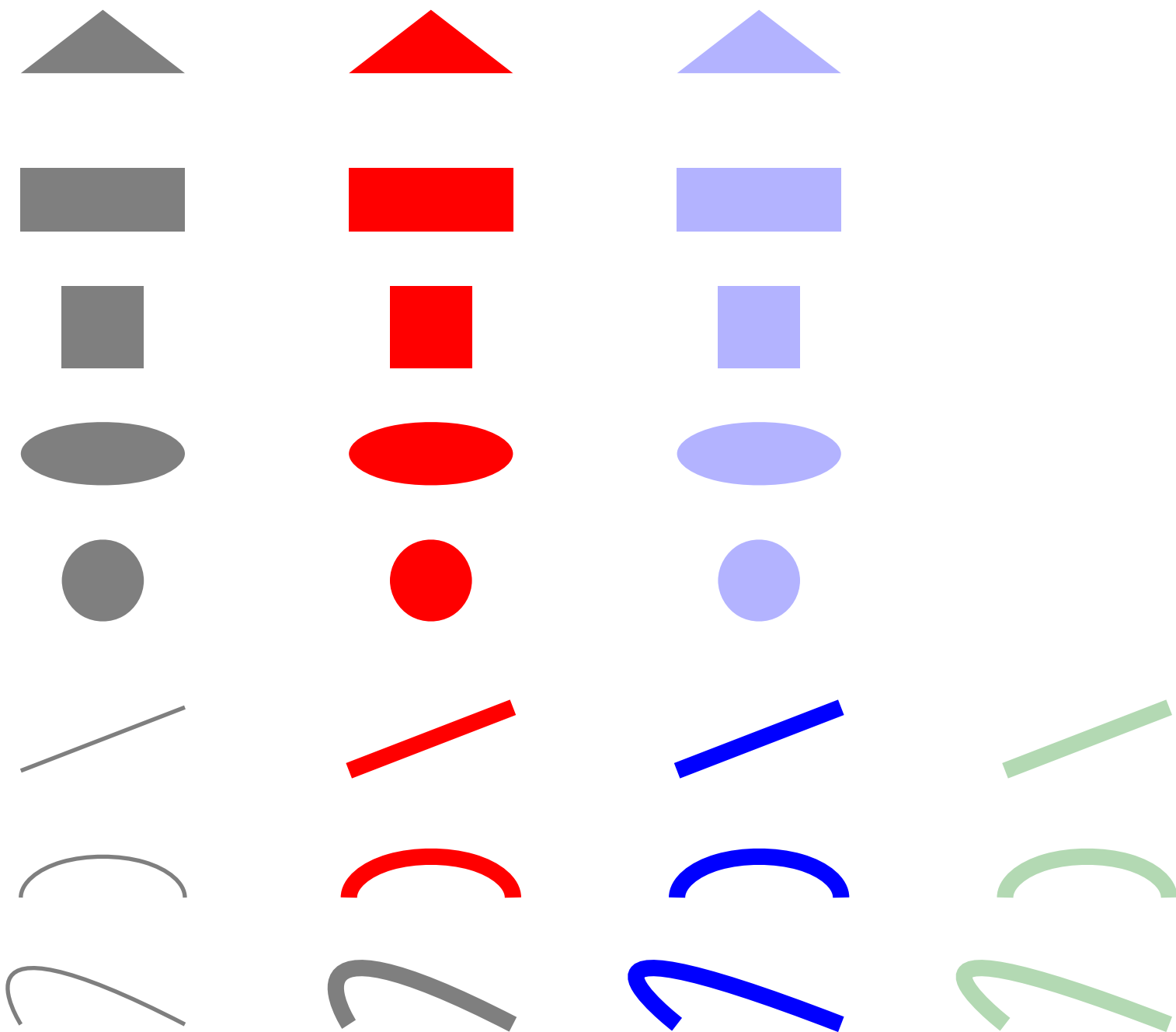


# Stars



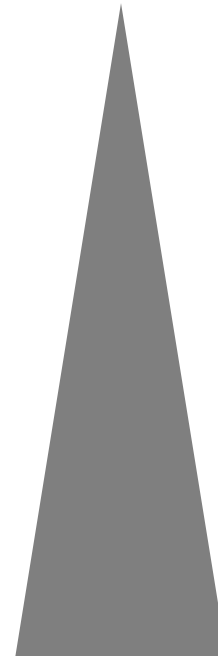
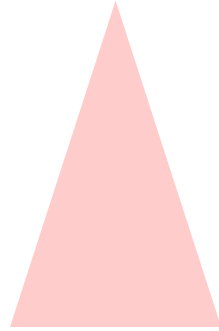
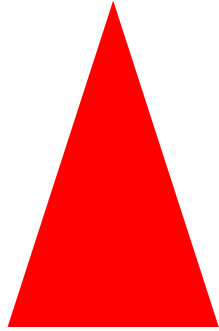
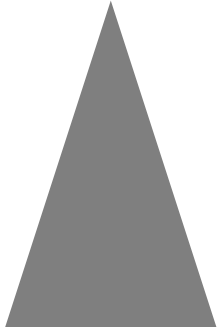
# Pill/Rounded Rectangles





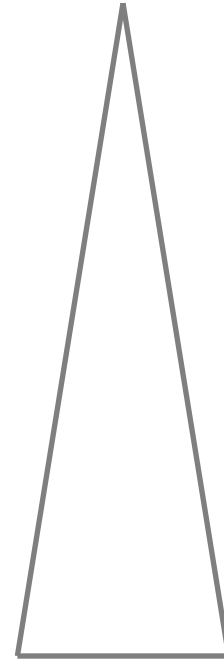
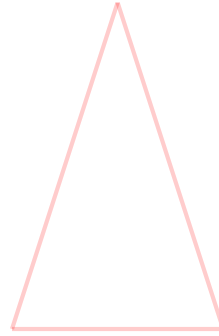
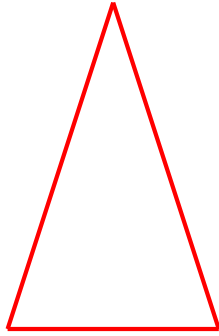
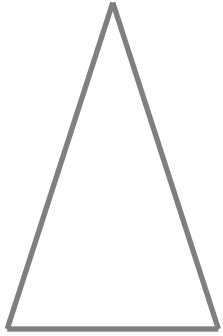
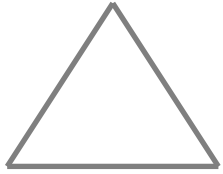
Shapes

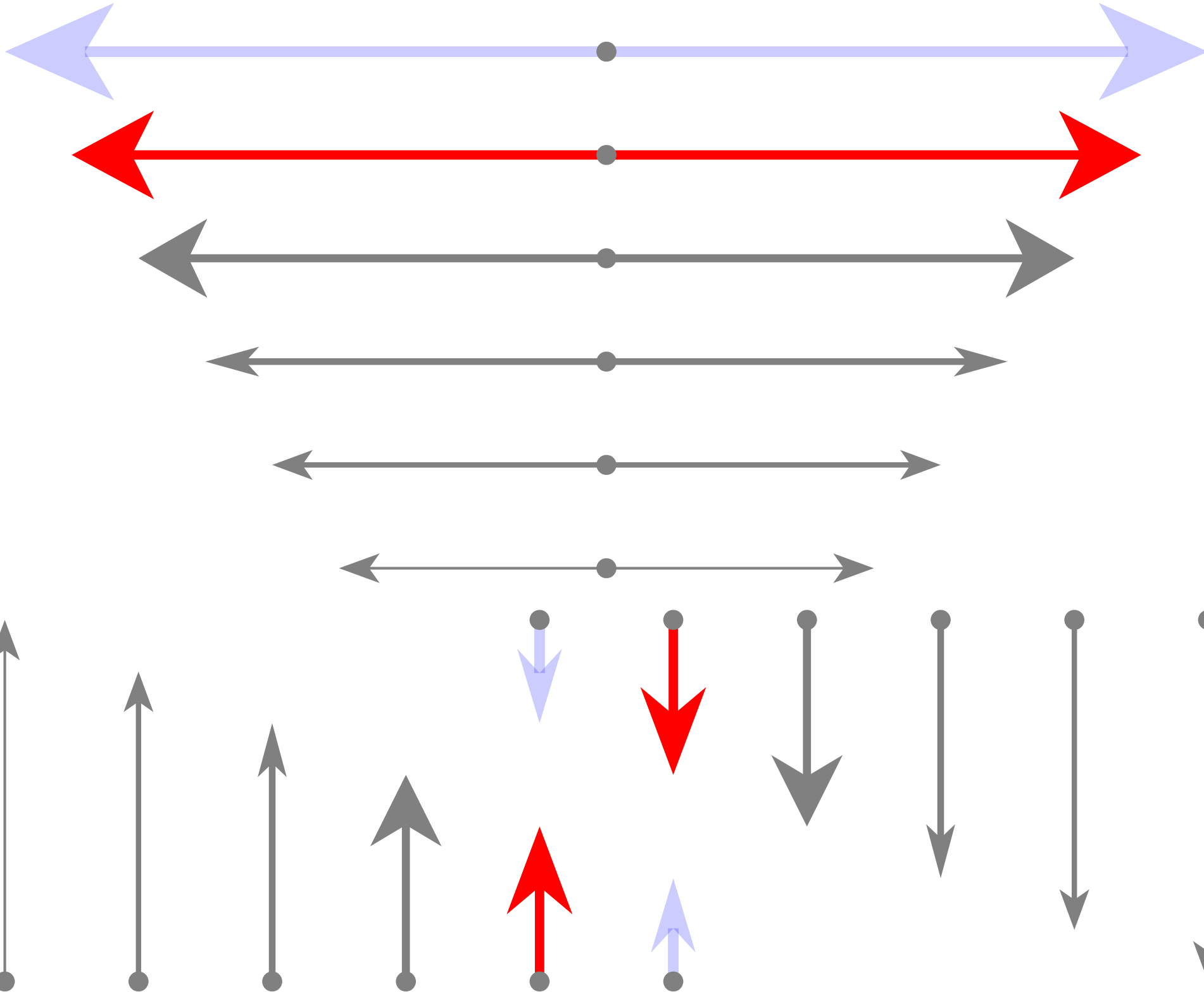
# Polygon Eval

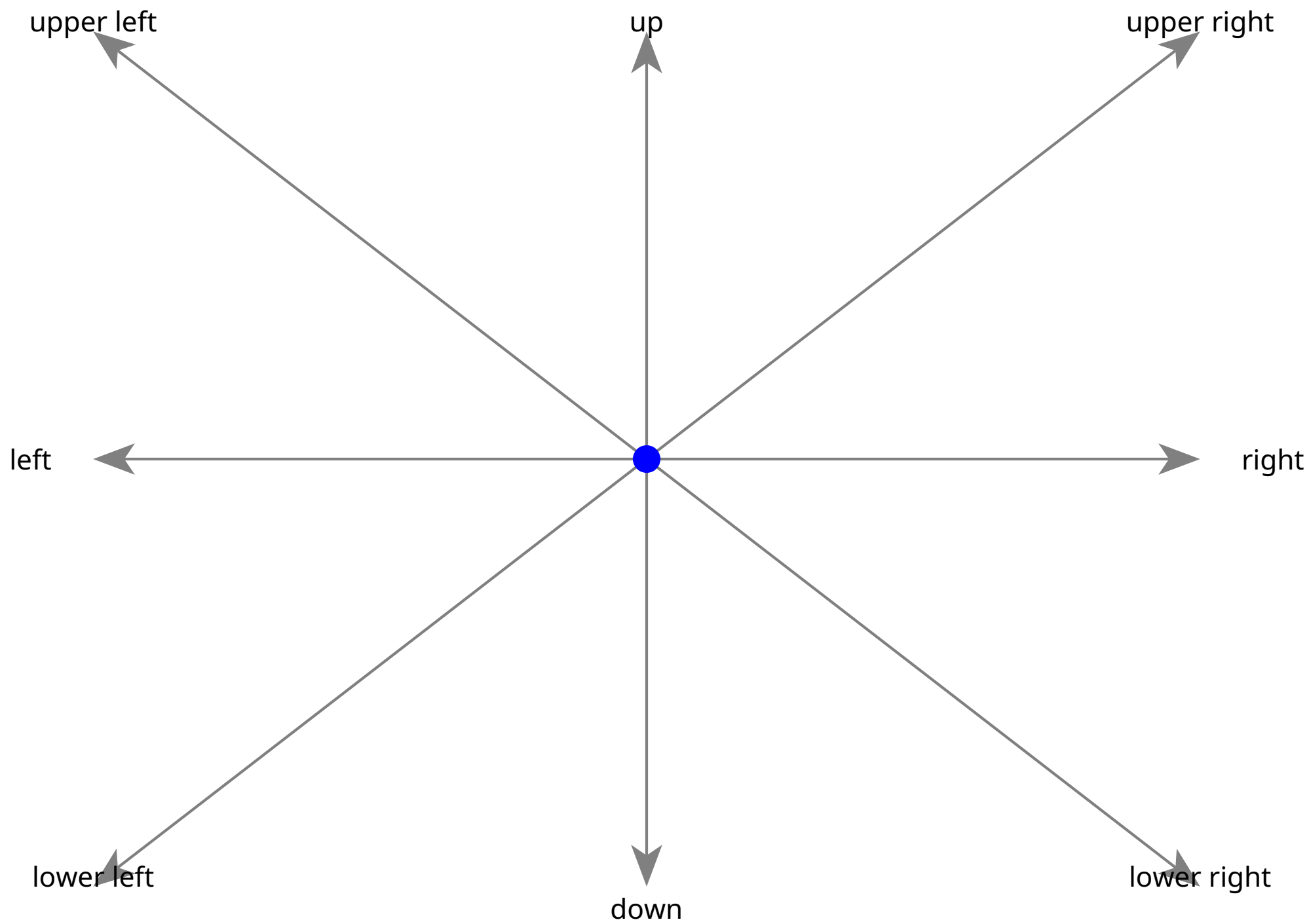


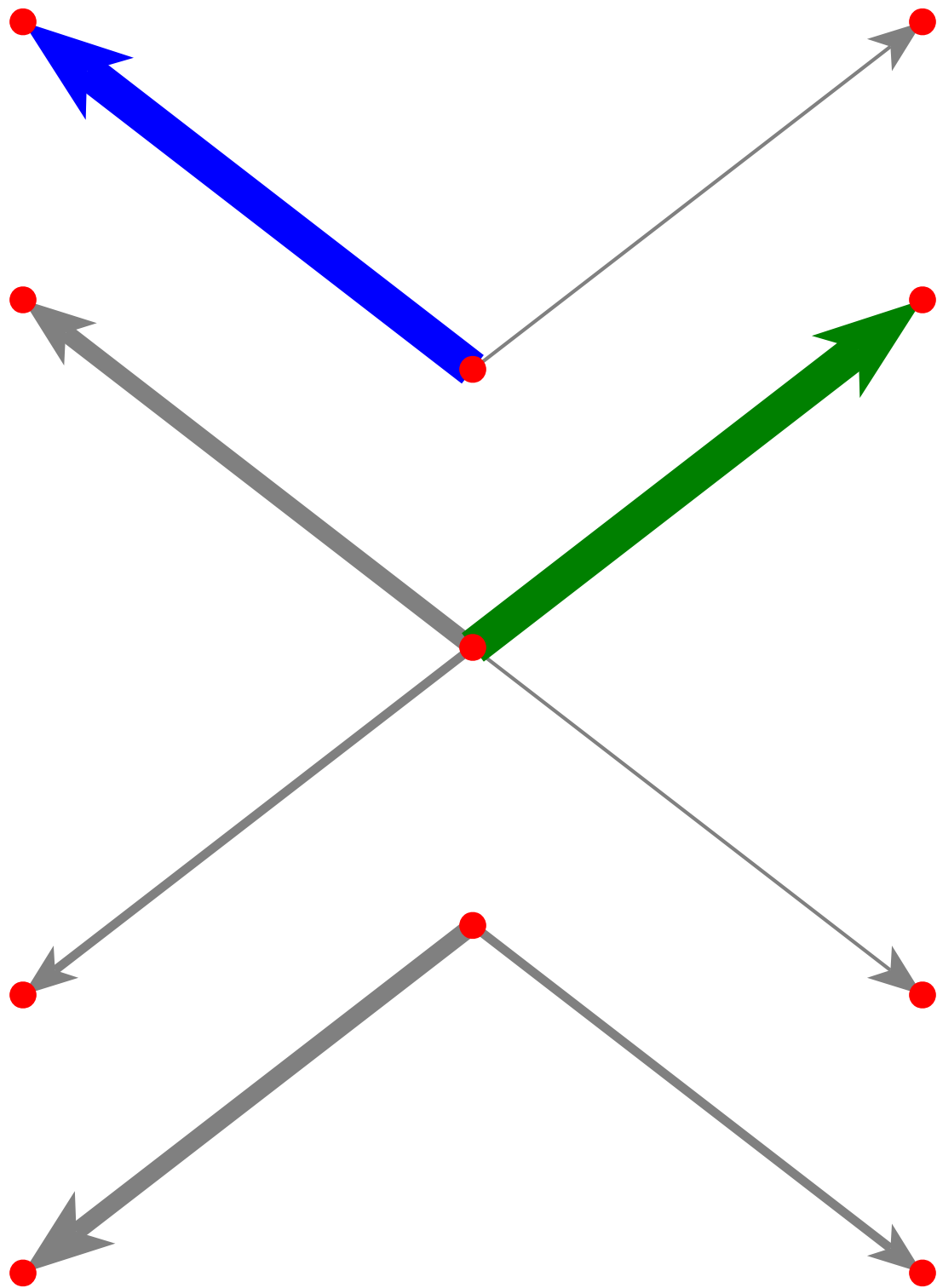


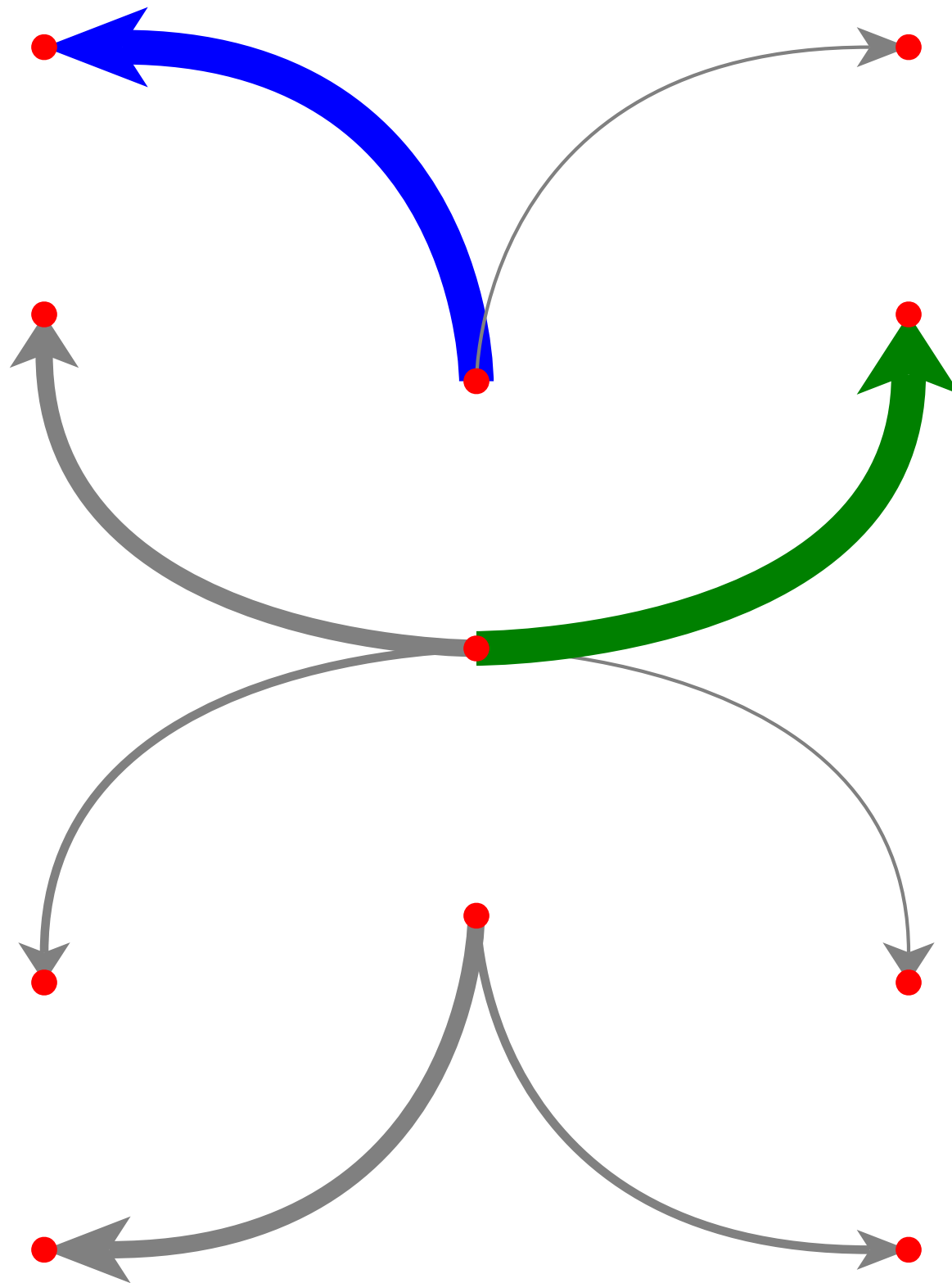
# Polyline Eval

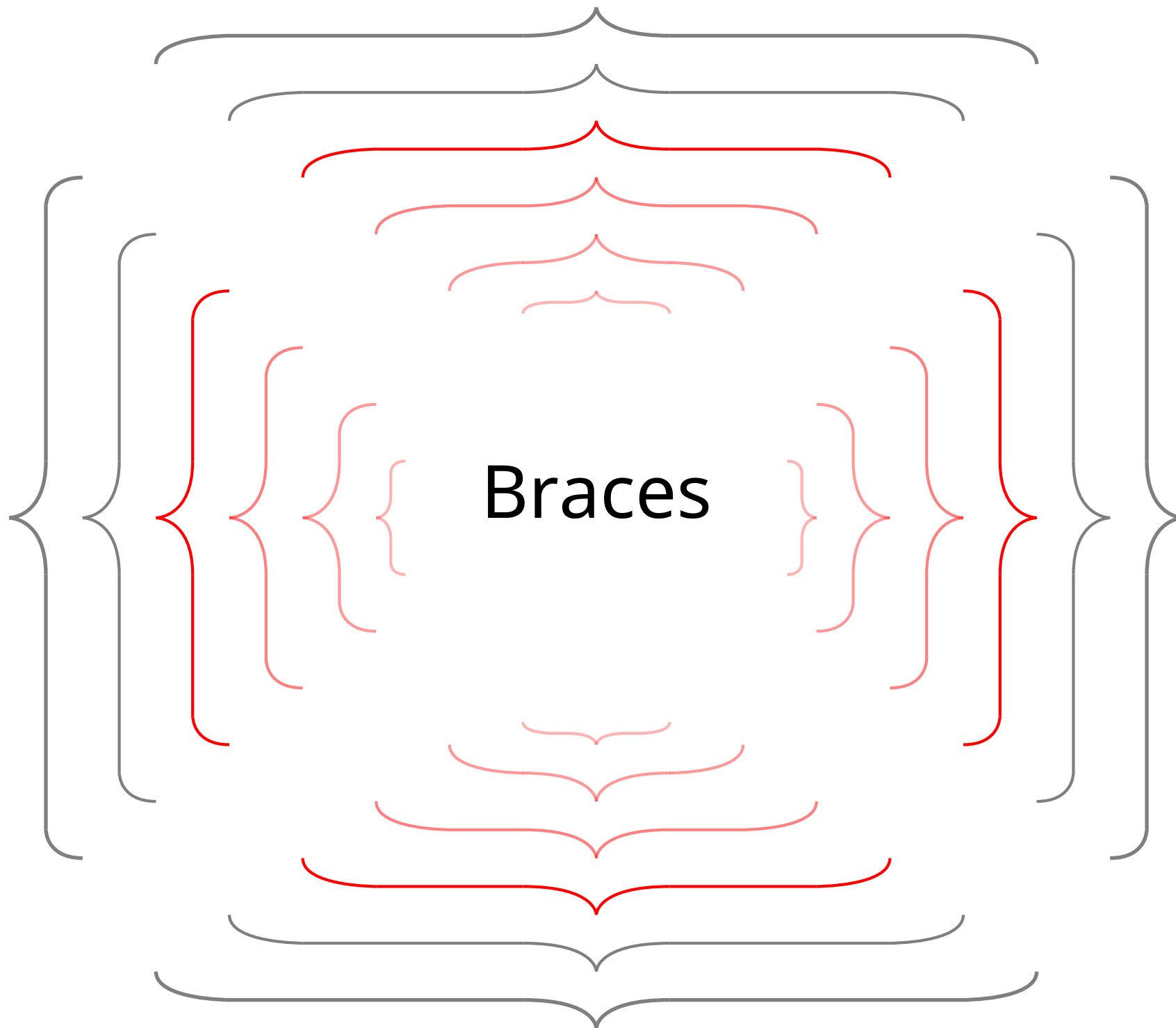


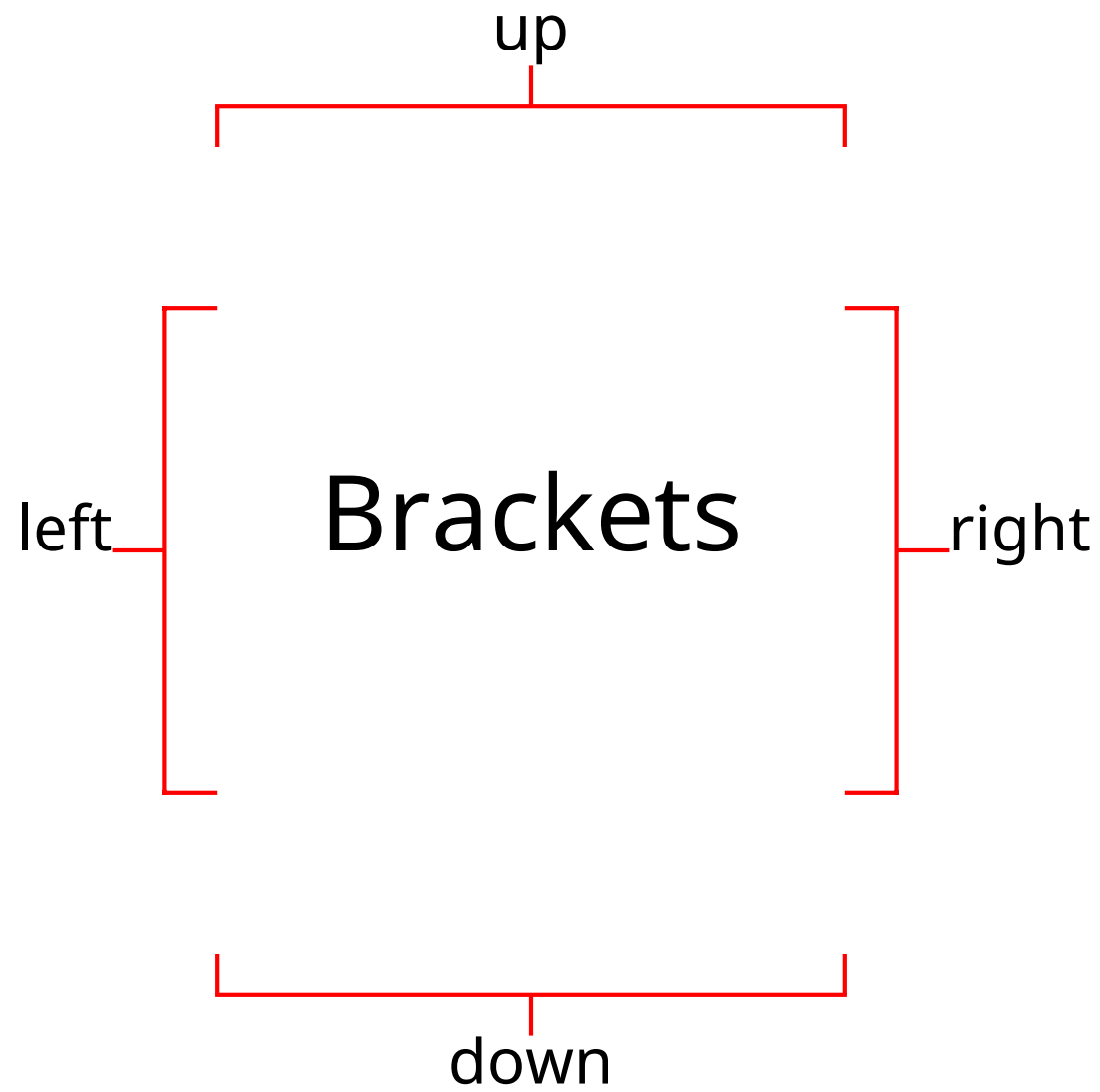




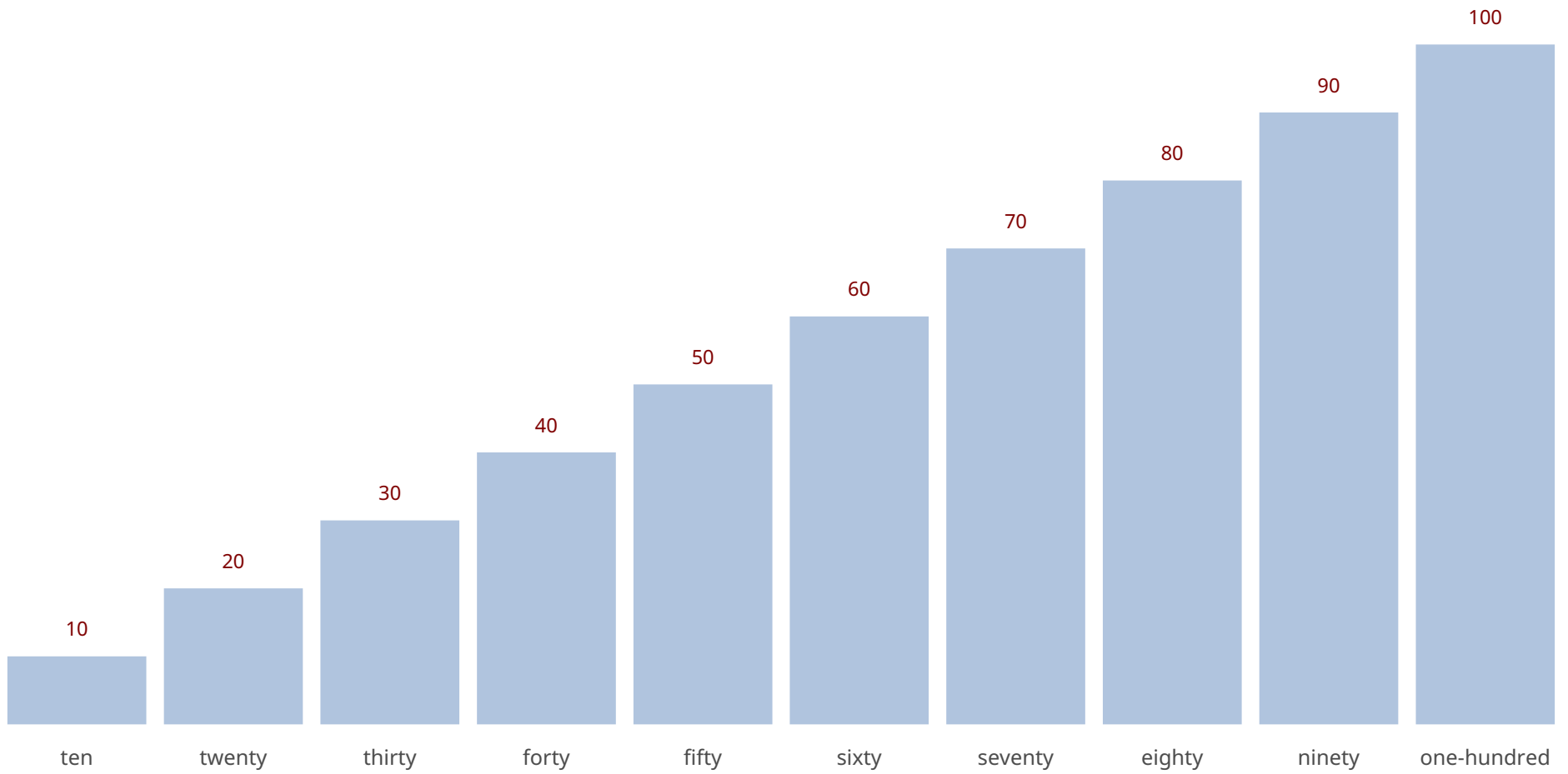




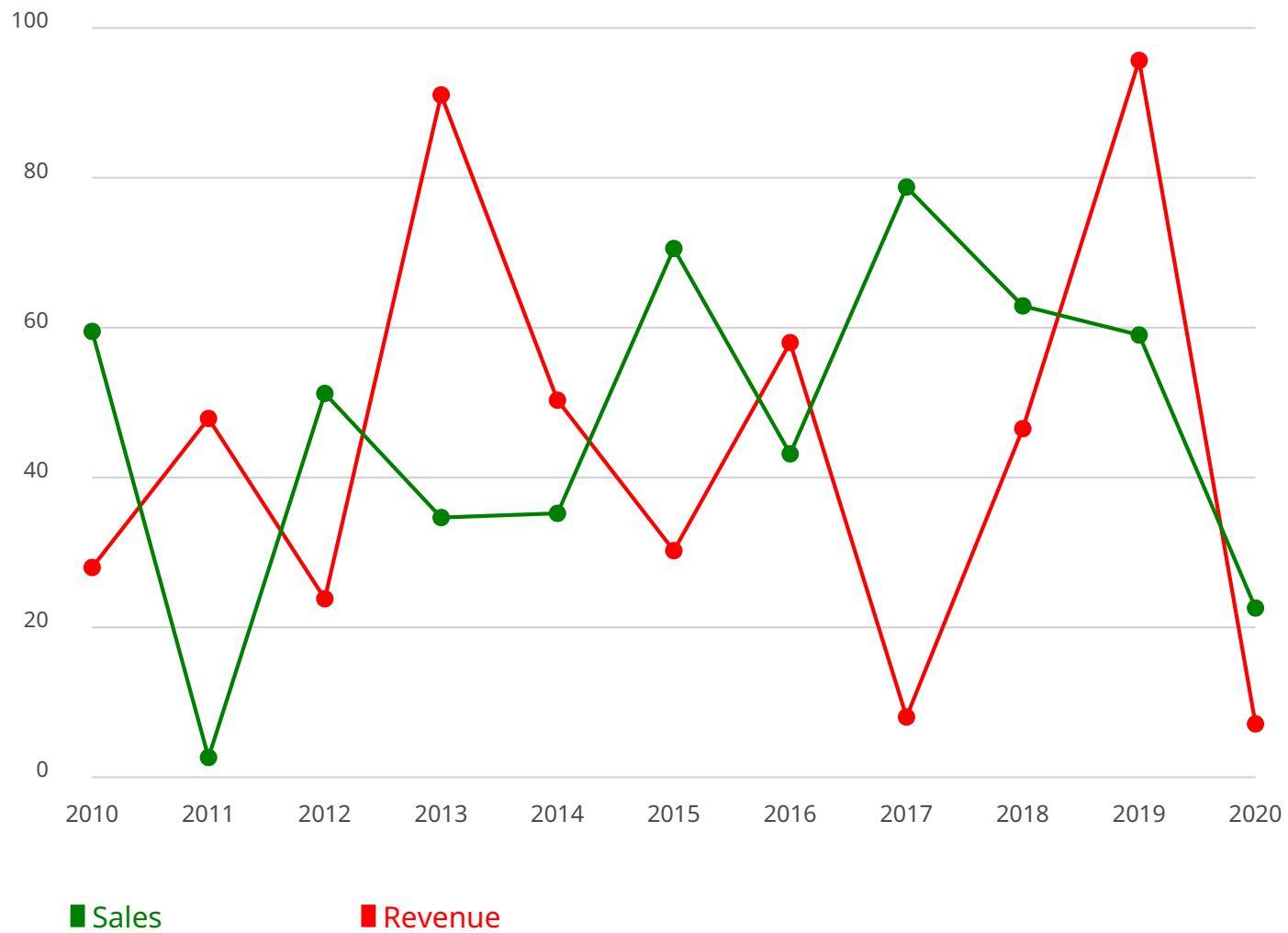




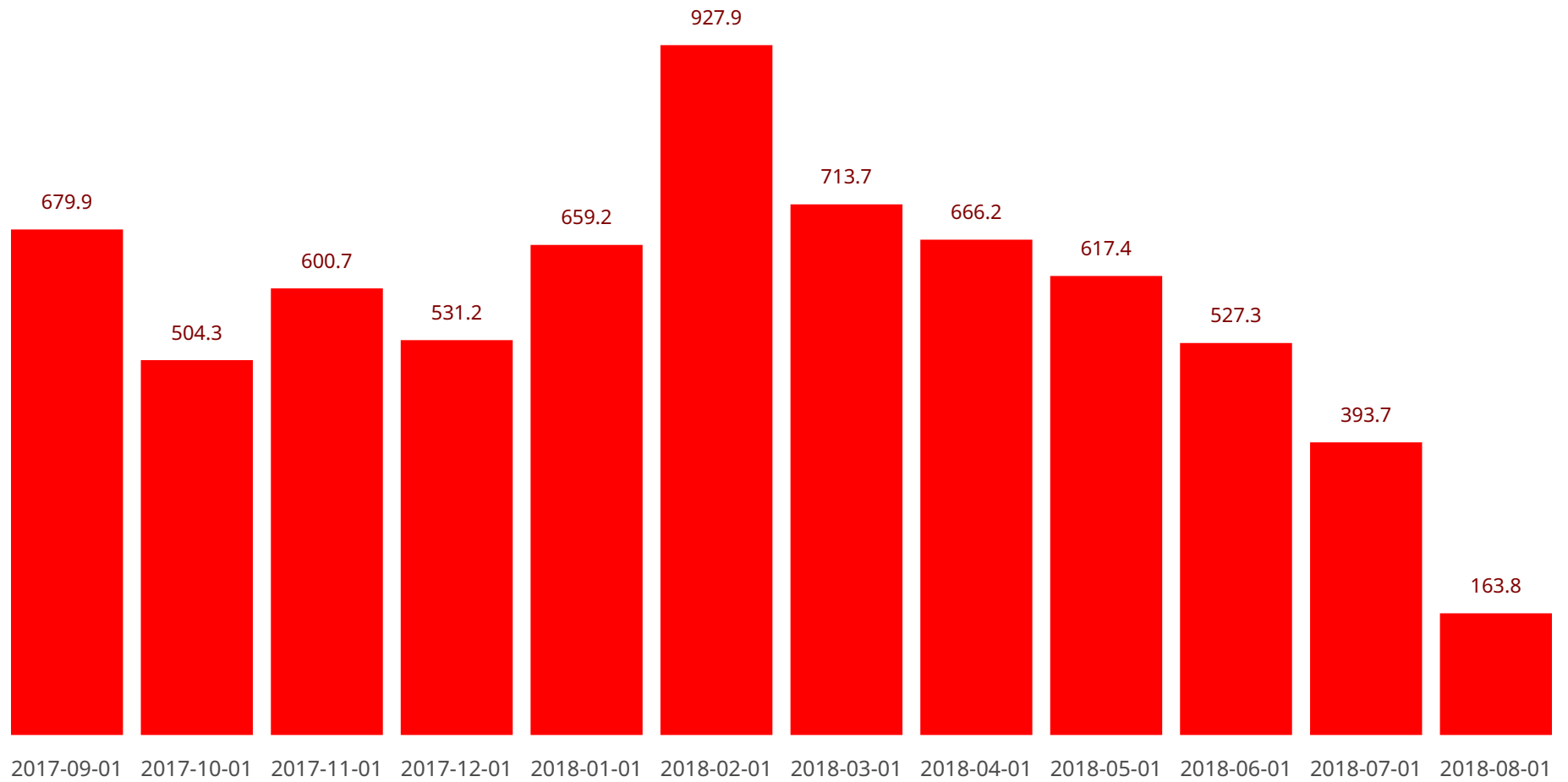
foo



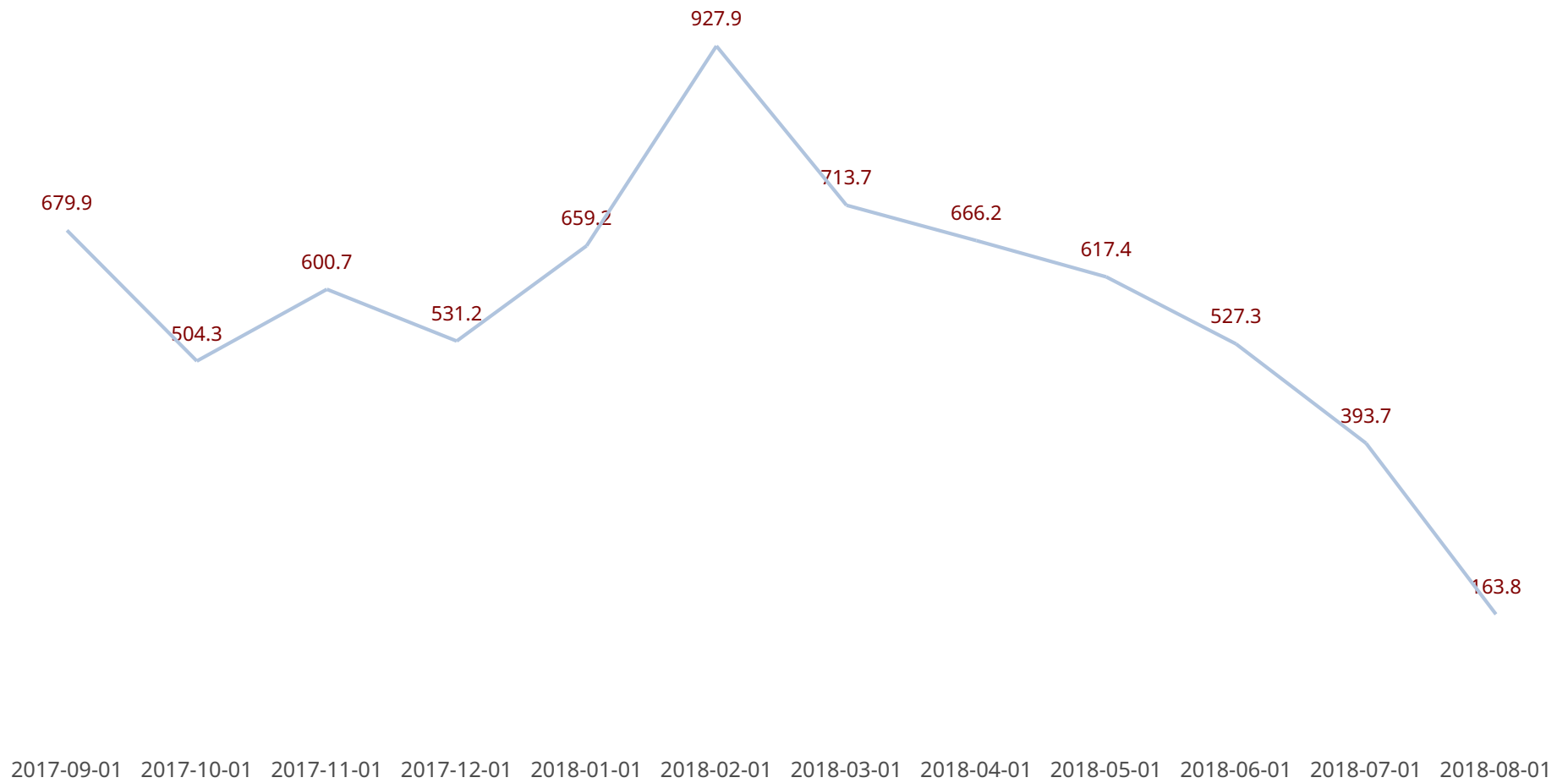




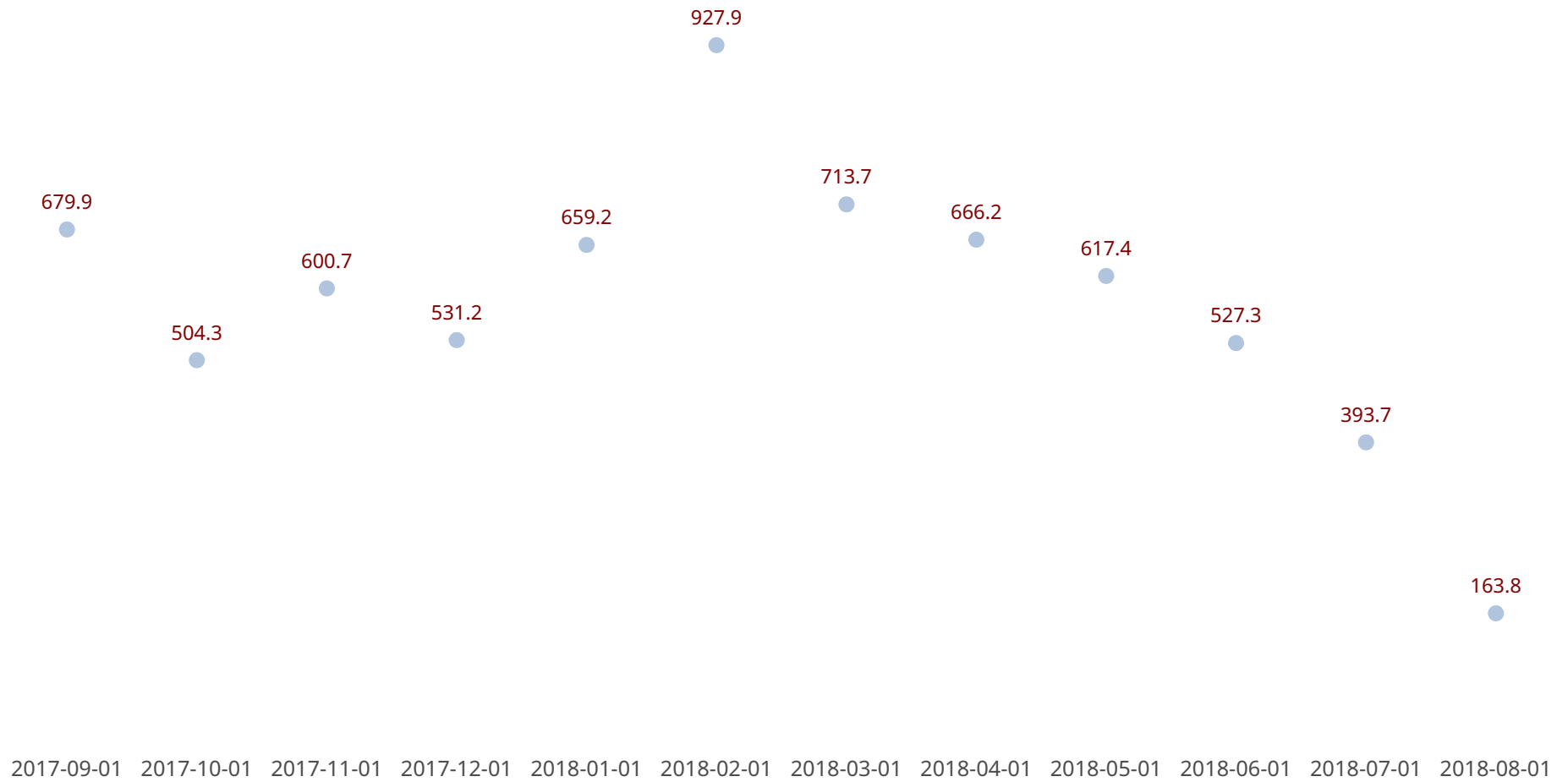
## AAPL Volume (Millions)



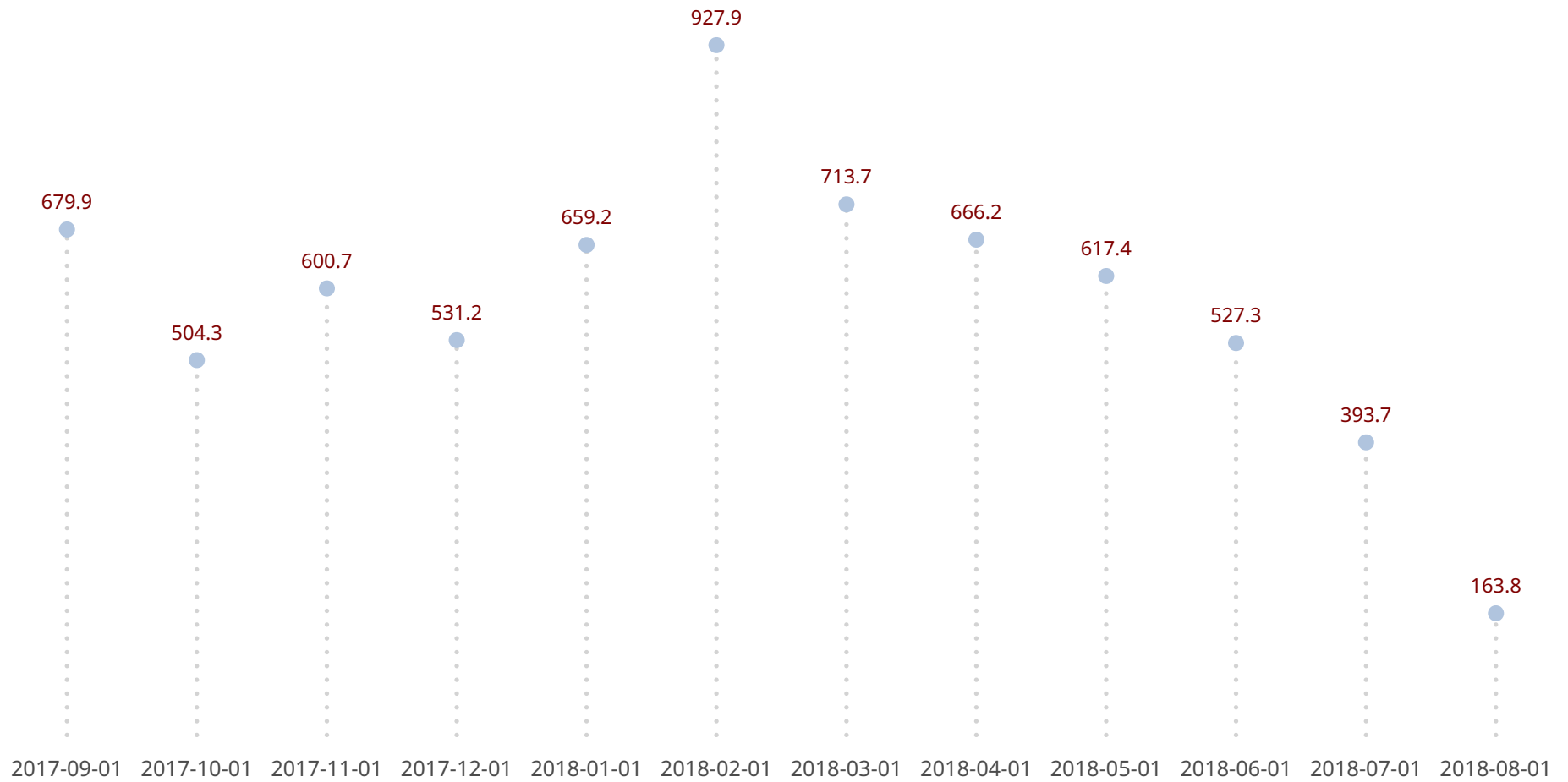
## AAPL Volume (Millions)



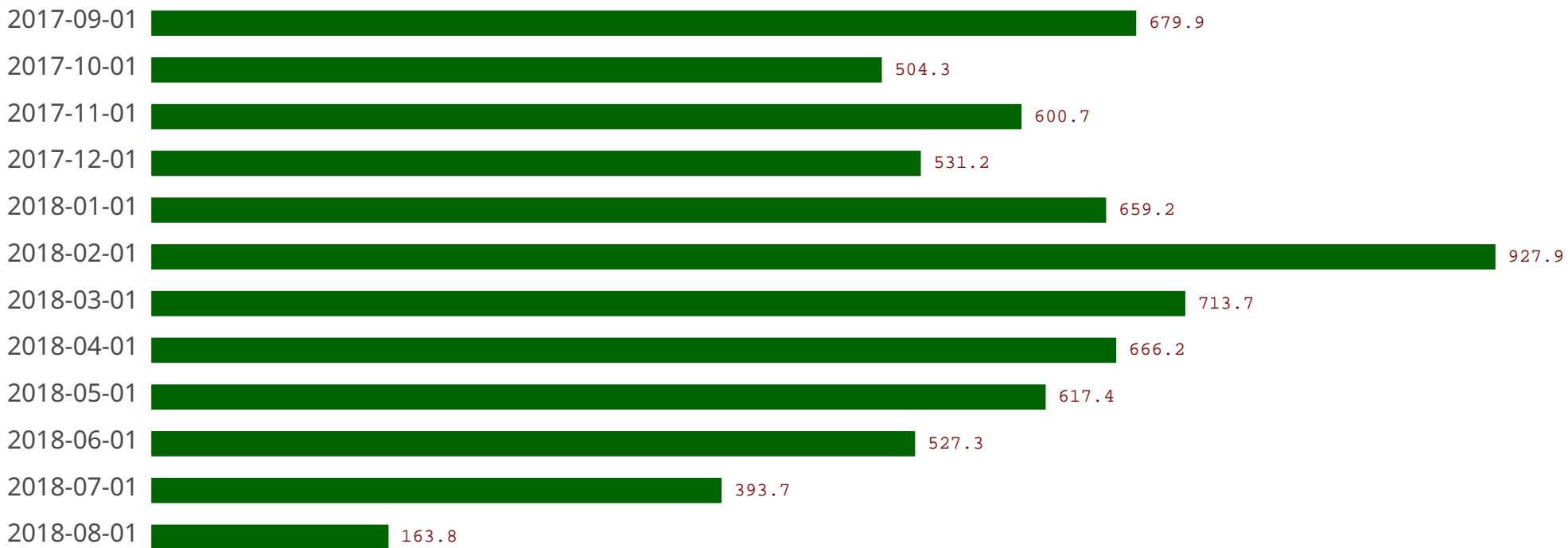
## AAPL Volume (Millions)



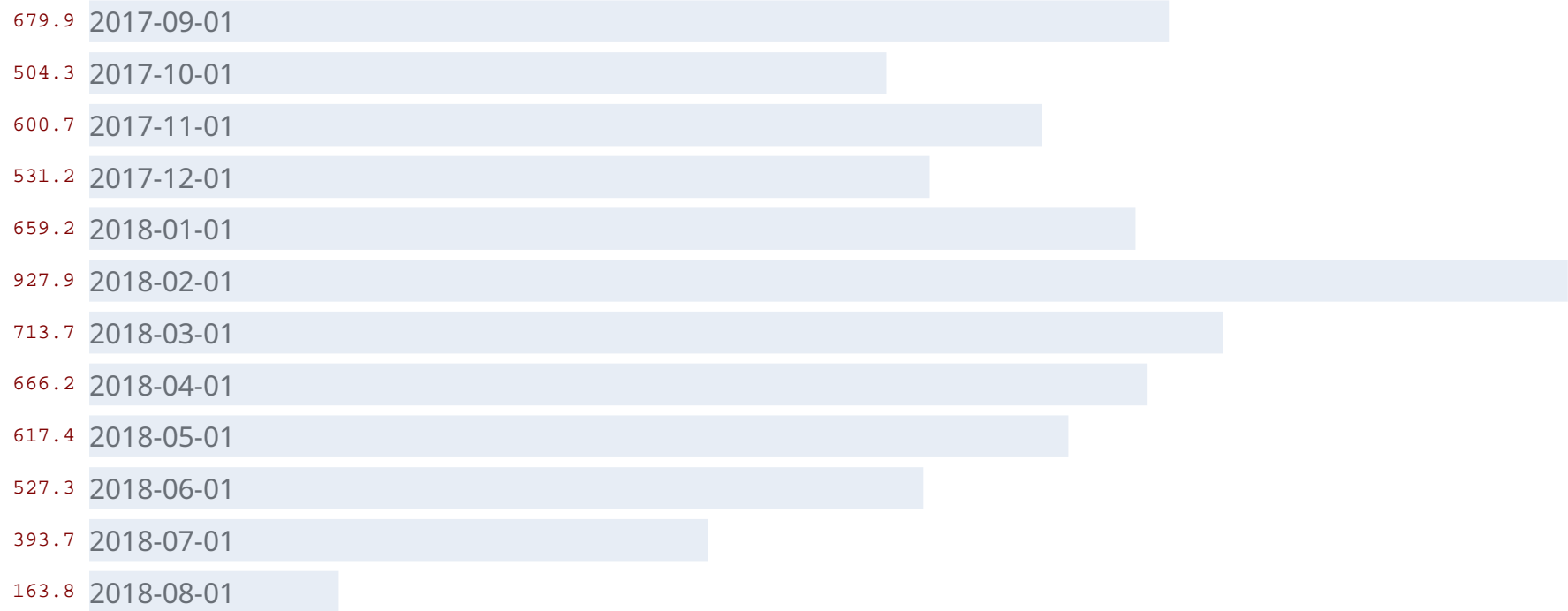
## AAPL Volume (Millions)



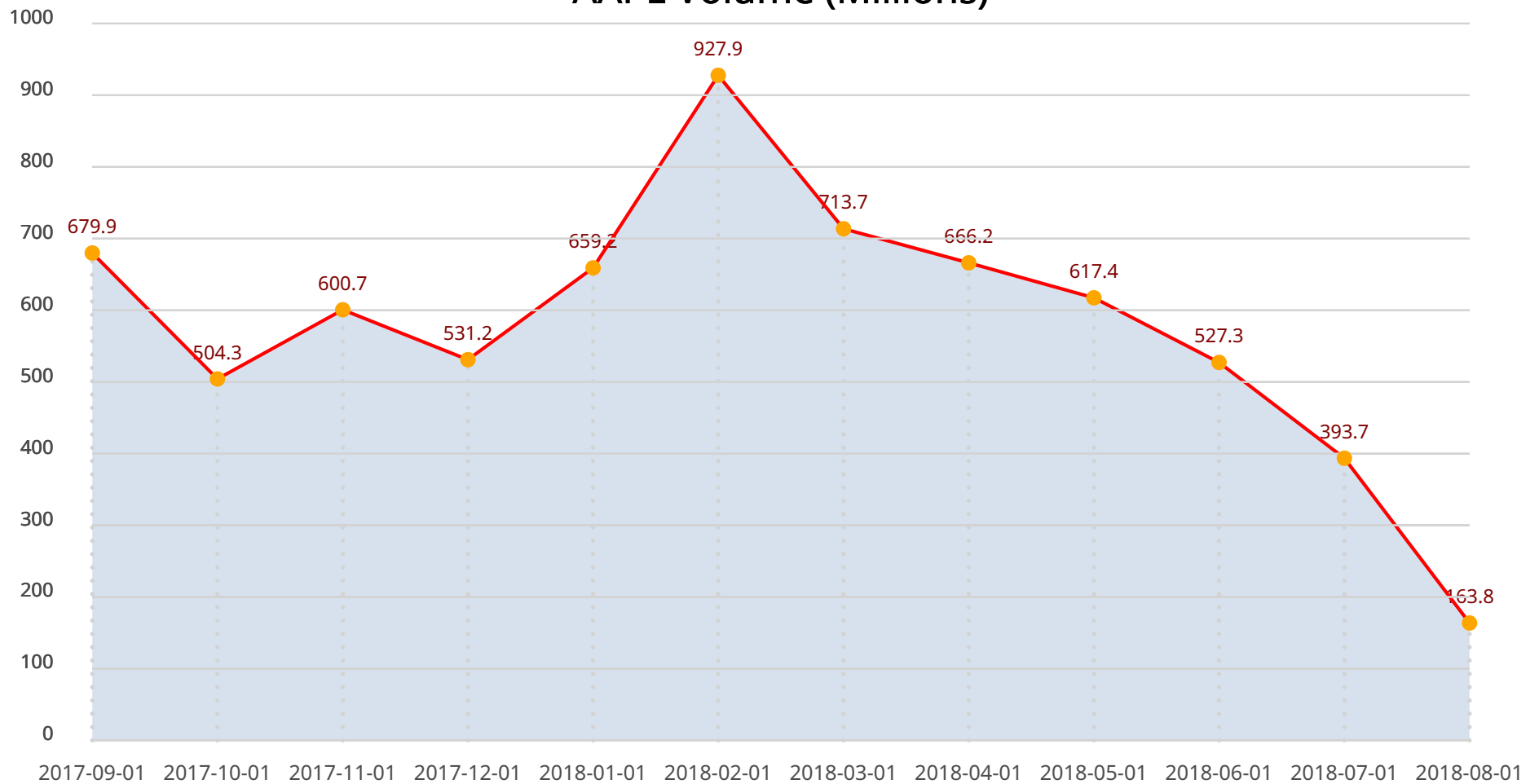
## AAPL Volume (Millions)



## AAPL Volume (Millions)

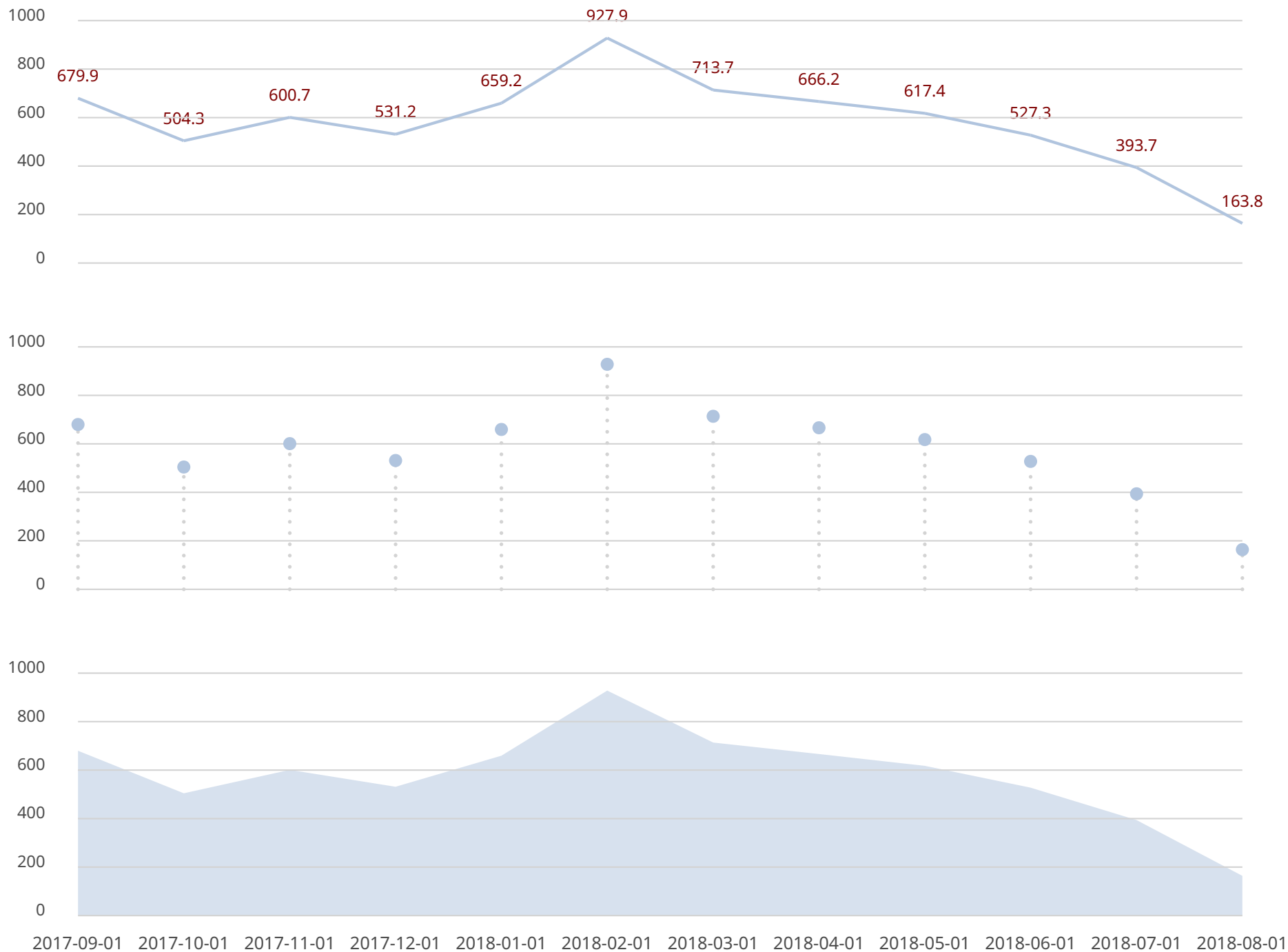


## AAPL Volume (Millions)





# AAPL Volume (Millions)









LARGE



# Width Scaled Image

10%



30%



50%



# Geographic Funtions



Pacific  
Ocean

Atlantic  
Ocean

Gulf of Mexico

Los Angeles

Las Vegas

Albuquerque

Oklahoma City

St. Louis

Indianapolis

Minneapolis

Philadelphia

New York



text

geo

# Deck elements

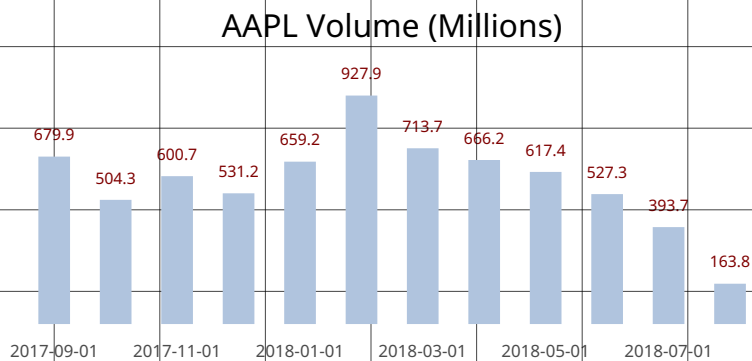
list

image



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

chart



Dreams

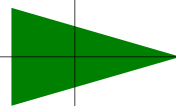
rect



ellipse



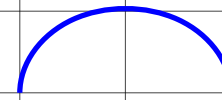
polygon



line



arc



curve

