

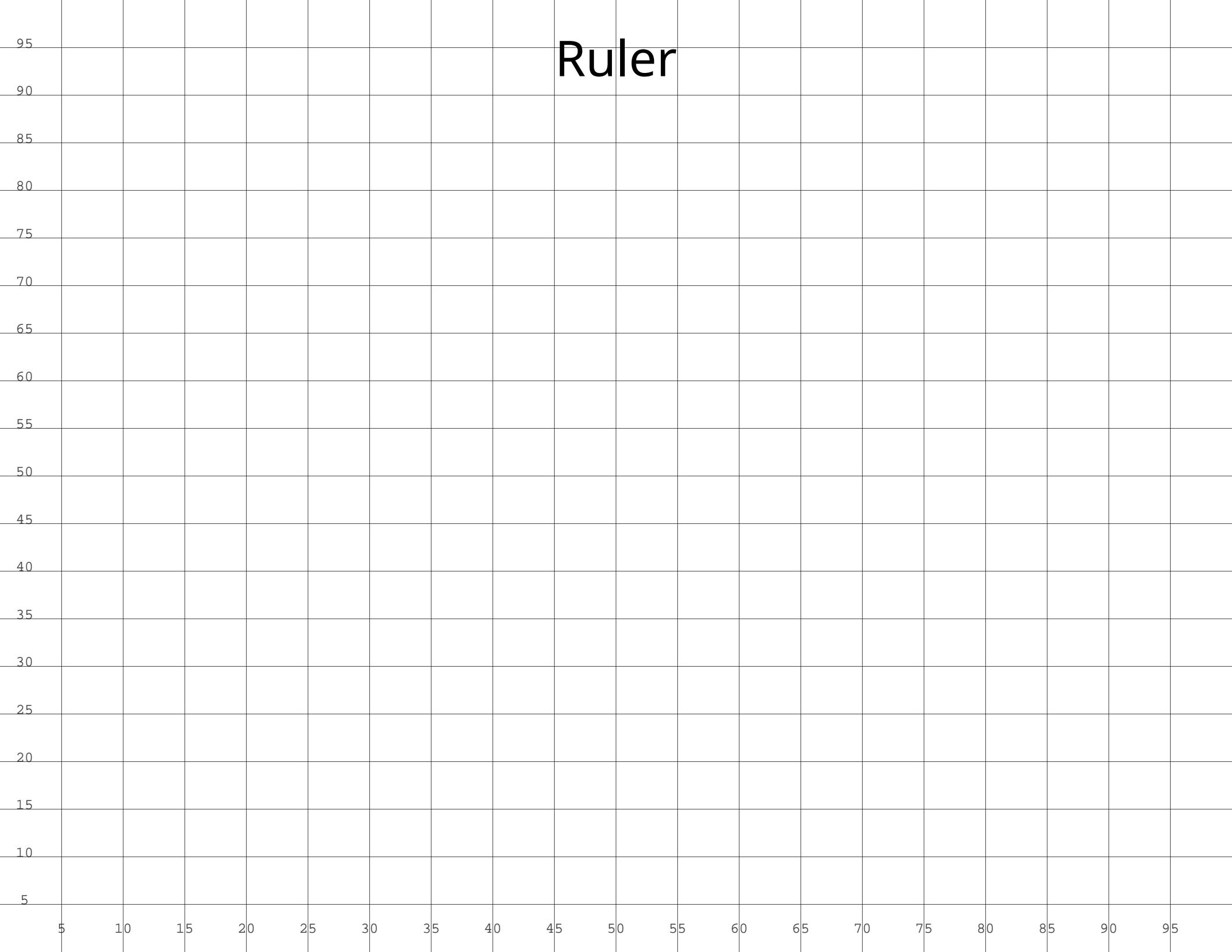
decksh tests

version

2025-12-24-1.0.0

Empty

Ruler



Ruler 20

80

60

40

20

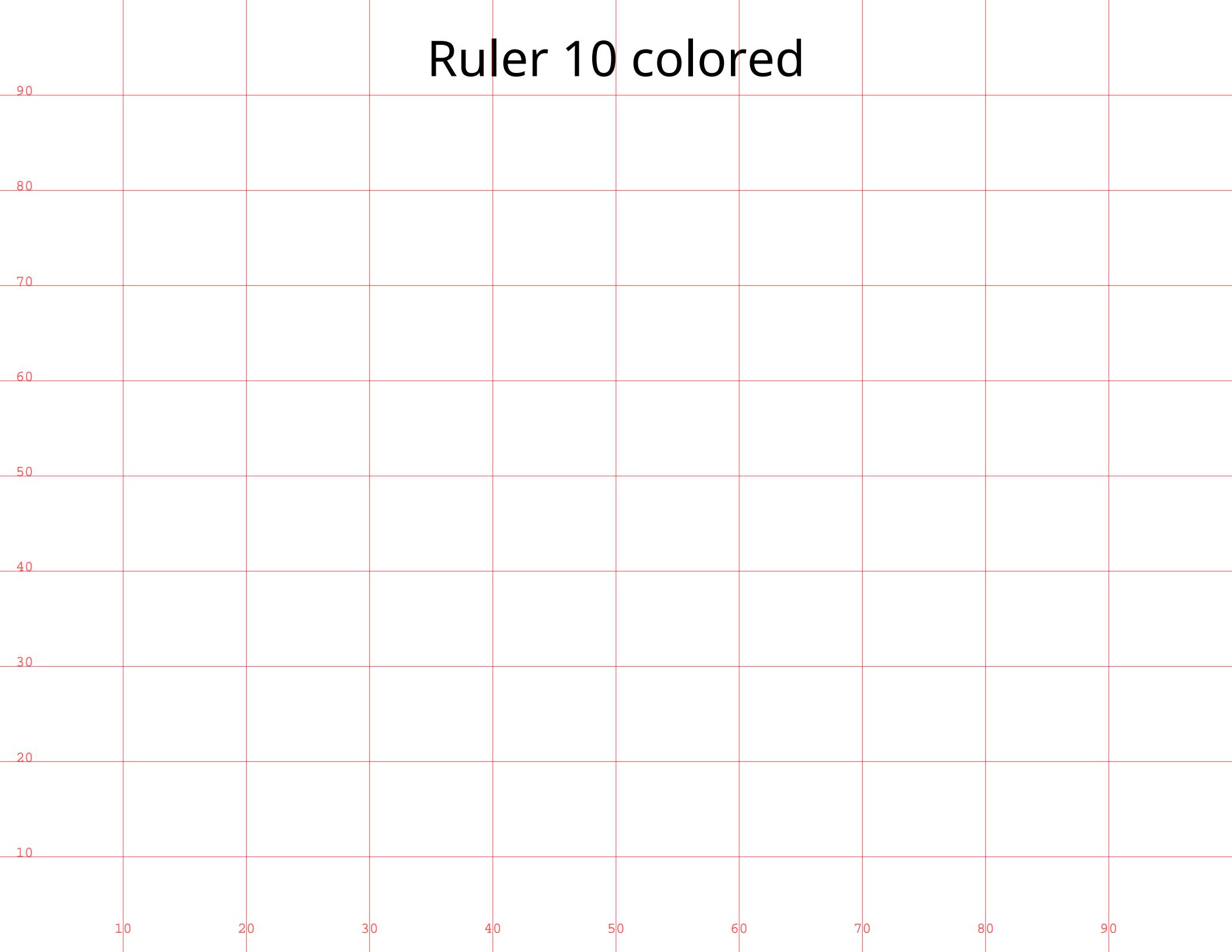
20

40

60

80

Ruler 10 colored



Background color only

Background and Foreground

Gradiant only

Gradient and Foreground

60

40

Colors, fonts, opacity

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

| | |
|---------------|--|
| 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)



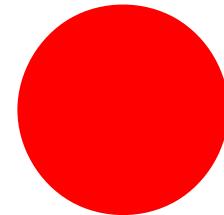
(40 , 20)



(60 , 20)



(80 , 20)



Conditionals

r=1.65 x=7.94 b=49.28

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=19.42

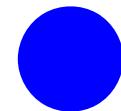
in the else clause

xv=41.60

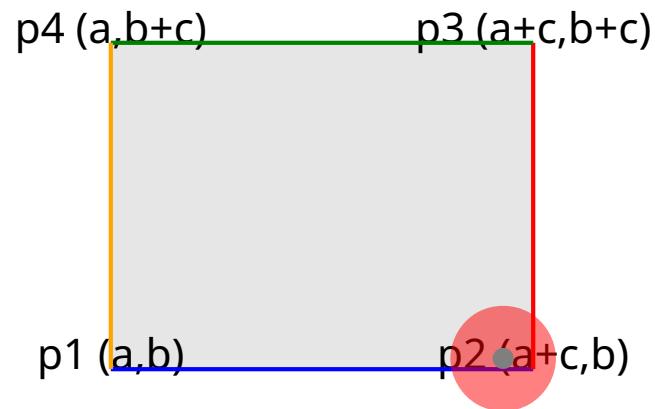
String Conditionals



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 |

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 |

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 |

Text and Alignment

one

two

three

four

moving on up

one

two

three

four

there
now
old

one

two

three

four

this
is
only
a
test

(081) three (180)
(096) two (90)
one (0)
four (270)

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
- two
- three

- one
- two
- three

1. one

2. two

3. three

- one
- two
- three

- one
- two
- three

1. one

2. two

3. three

- one
- two
- three

- one
- two
- three

1. one

2. two

3. three

- one
- two
- three

- one
- two
- three

1. one

2. two

3. three

- one
- two
- three

- one
- two
- three

1. one

2. two

3. three

Centered List

one

two

three

four

one

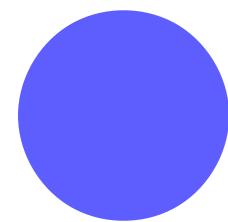
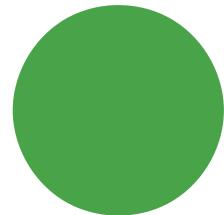
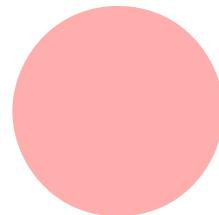
two

three

four

Loops

Random



Square Root

$\sqrt{8} = 2.8284271247461903$

$\sqrt{8} + 6 = 3.7416573867739413$

$\sqrt{8} - 6 = 1.4142135623730951$

$\sqrt{8} * 6 = 6.928203230275509$

$\sqrt{8} / 6 = 1.1547005383792515$

Sine

sine 3.1415926 = 5.3589793170057245e-08

sine 3.1415926 + 0.707 = -0.6495557148113534

sine 3.1415926 - 0.707 = 0.6495557963014893

sine 3.1415926 * 0.707 = 0.7958963696196476

sine 3.1415926 / 0.707 = -0.9640809602990886

Cosine

cosine 3.1415926 = -0.999999999999986

cosine 3.1415926 + 0.707 = -0.7603139965539972

cosine 3.1415926 - 0.707 = -0.7603139269348801

cosine 3.1415926 * 0.707 = -0.6054328772260928

cosine 3.1415926 / 0.707 = -0.2656085502930713

Tangent

tangent 3.1415926 = -5.358979317005727e-08

tangent 3.1415926 + 0.707 = 0.8543256046256702

tangent 3.1415926 - 0.707 = -0.8543257900326782

tangent 3.1415926 * 0.707 = -1.31459060047449

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

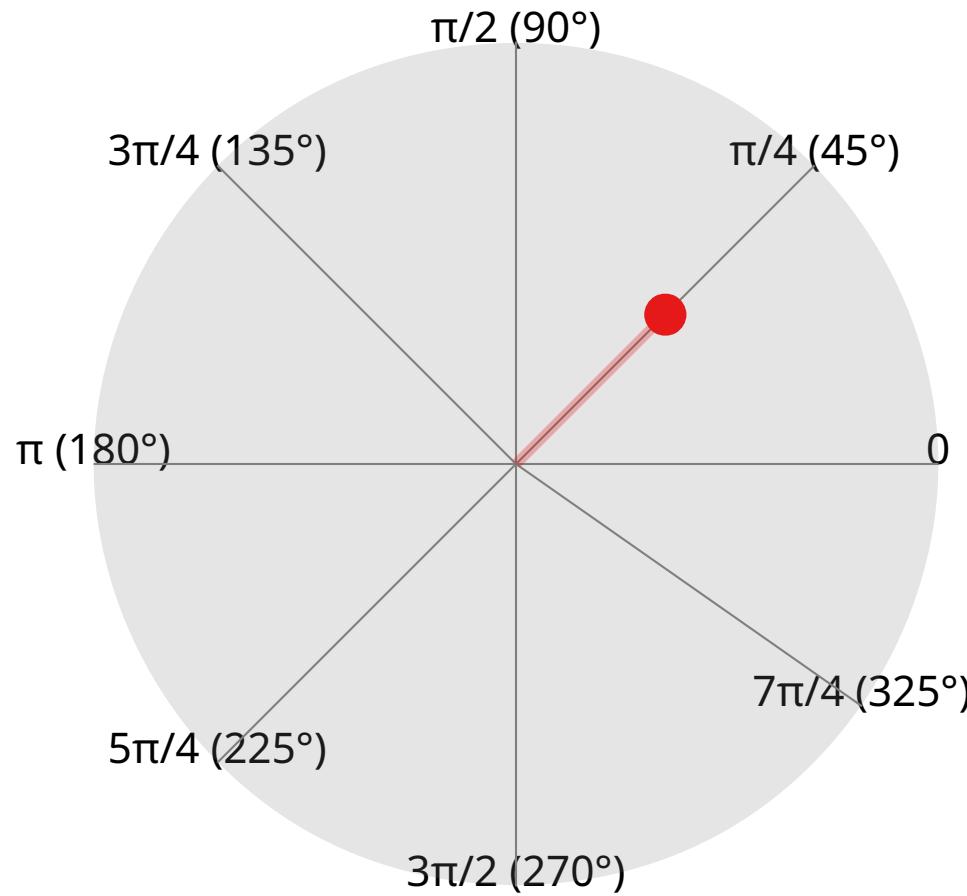
x minus y=-10

x divided by y=0.5

x times y=200

x mod y=10

Polar Coordinates



Map Ranges

1958

1980

1990

2020

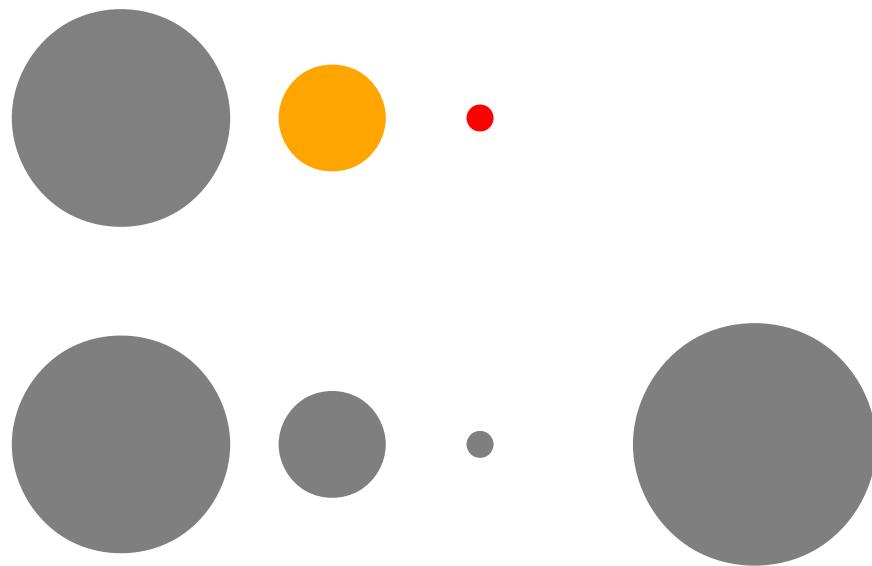
1958

1978

1980

end

Areas



substr s begin

s="hello, world"

substr s - - hello, world

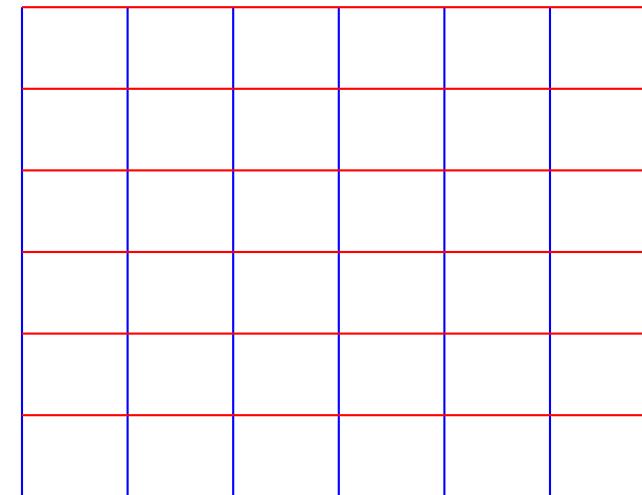
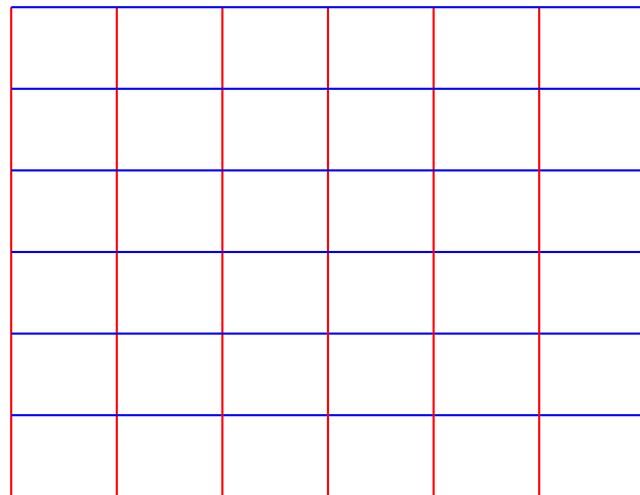
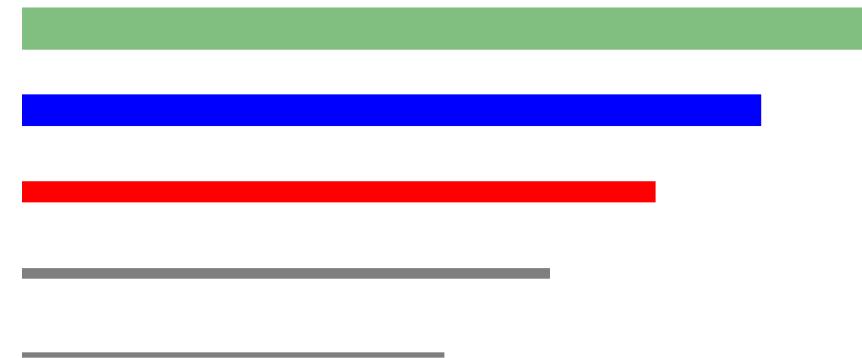
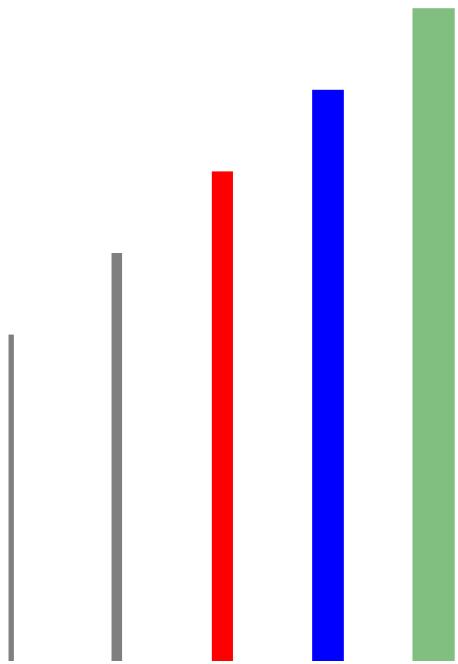
substr s - 4 hello

substr s 7 - world

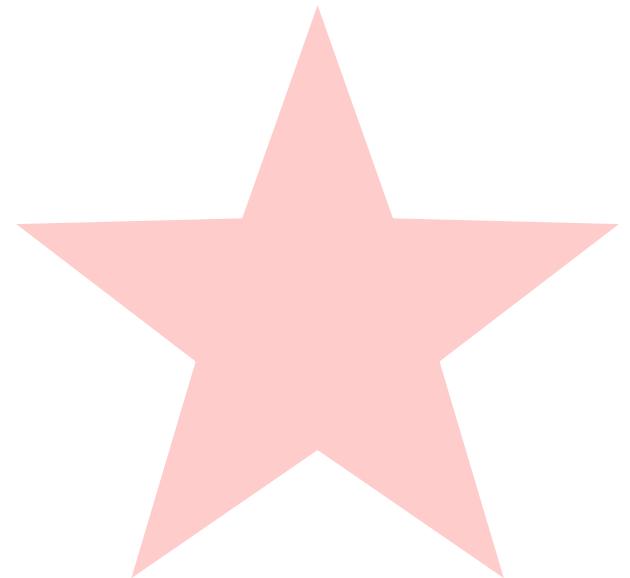
substr s 3 8 lo, wo

substr "This is a test" 5 8 is a

Lines

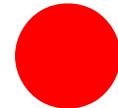


Stars



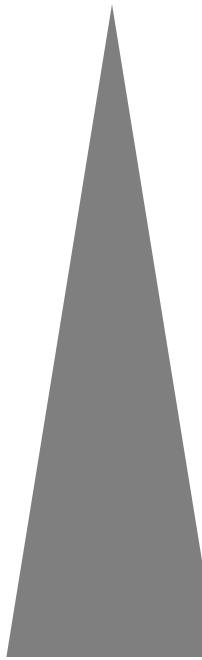
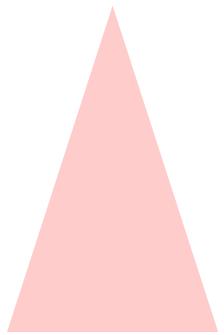
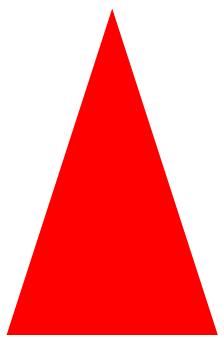
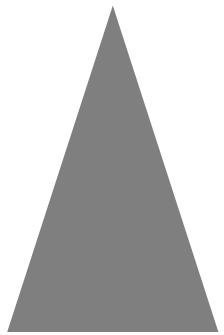
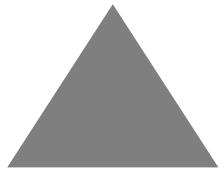
Pill/Rounded Rectangles



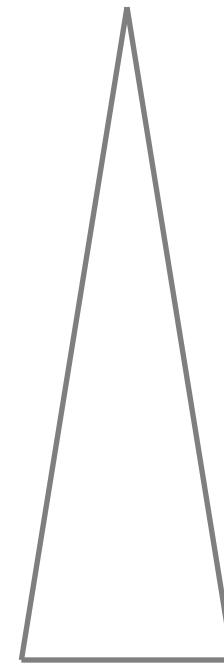
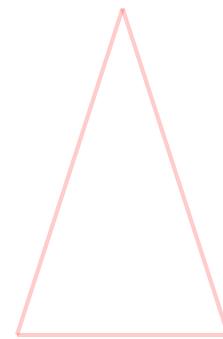
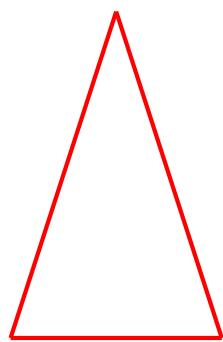
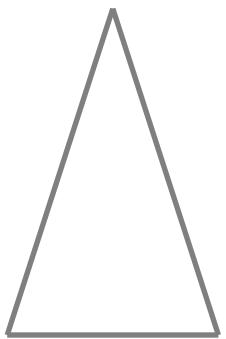
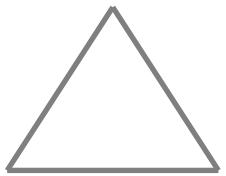


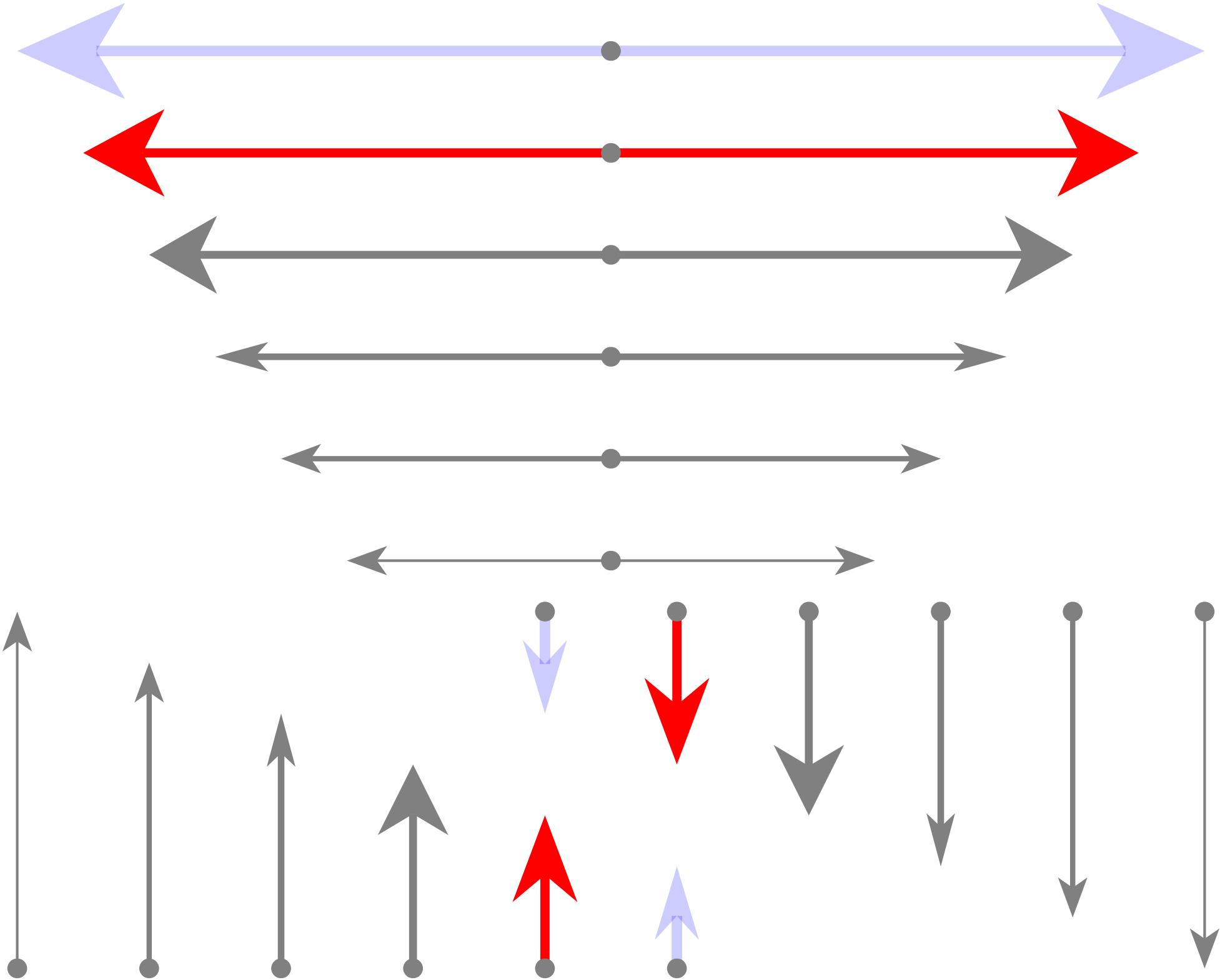
Shapes

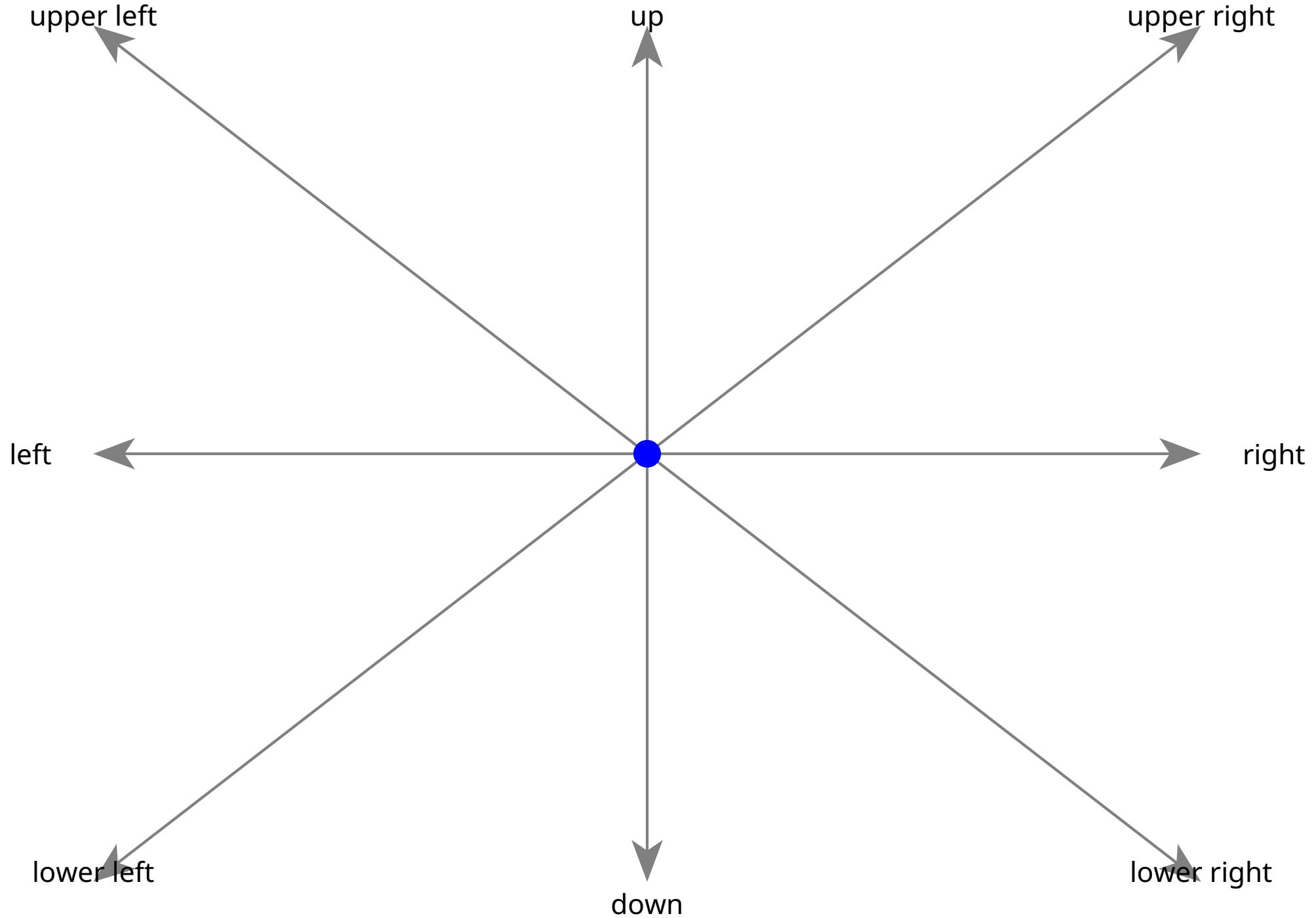
Polygon Eval

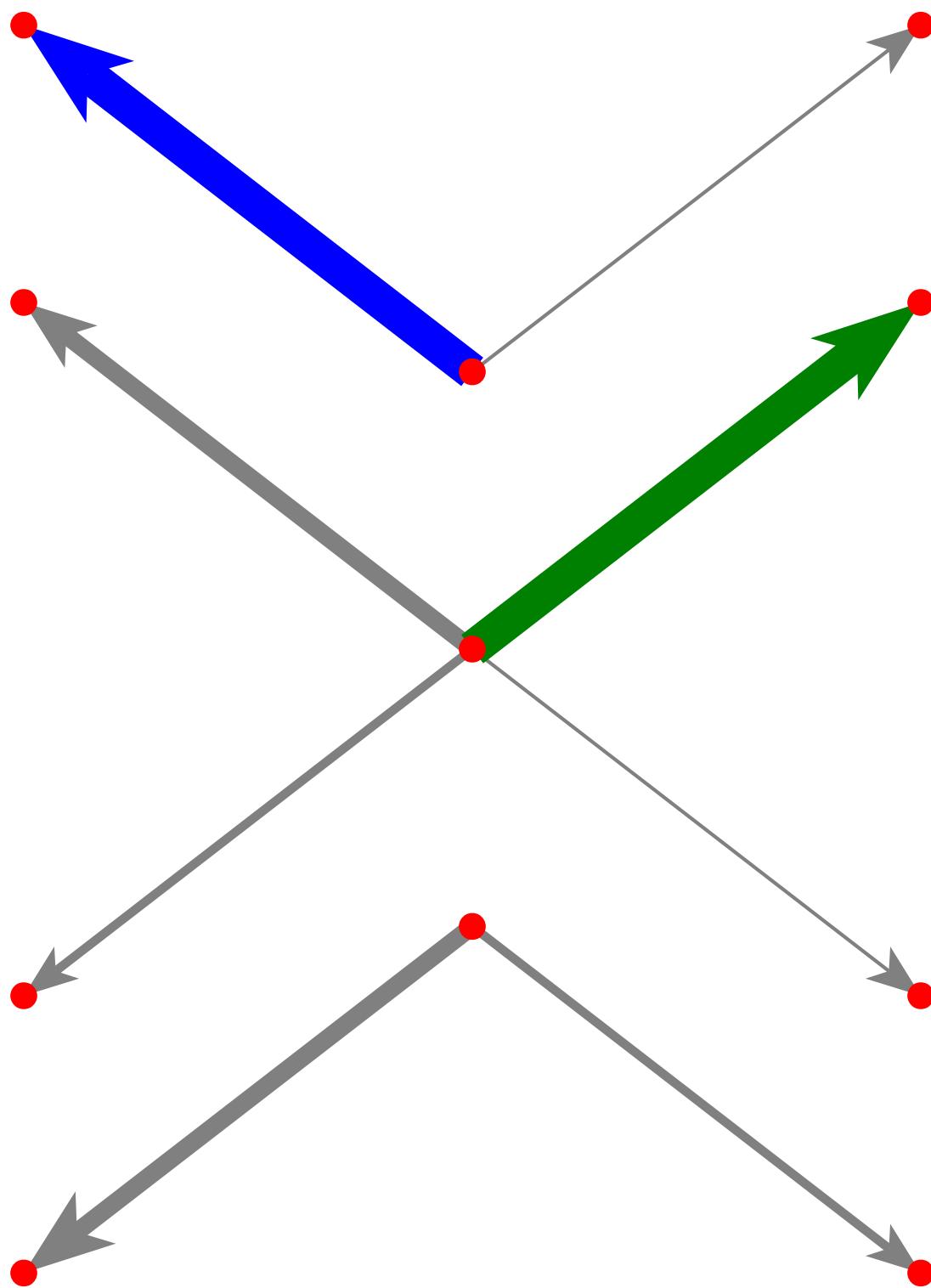


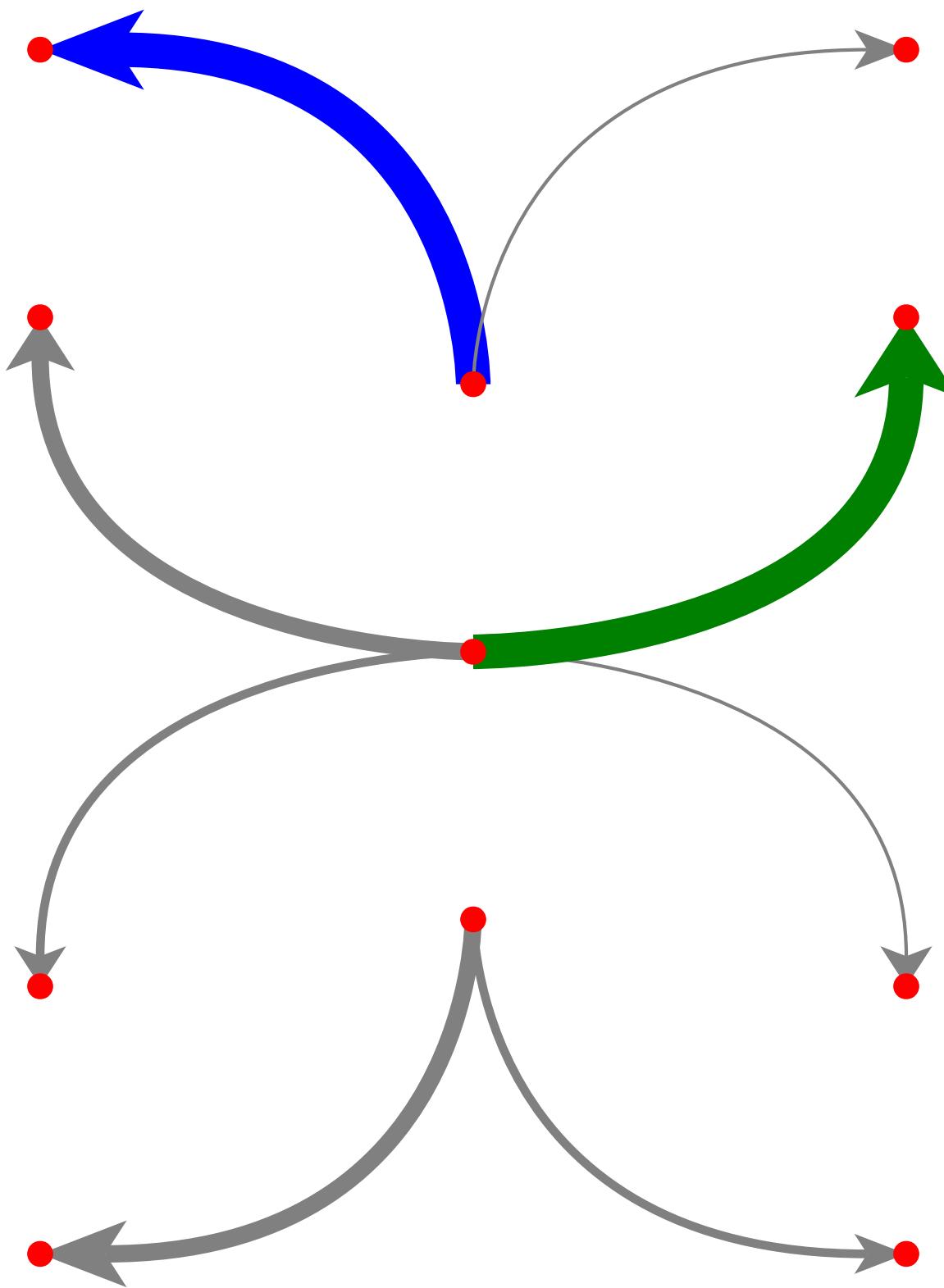
Polyline Eval



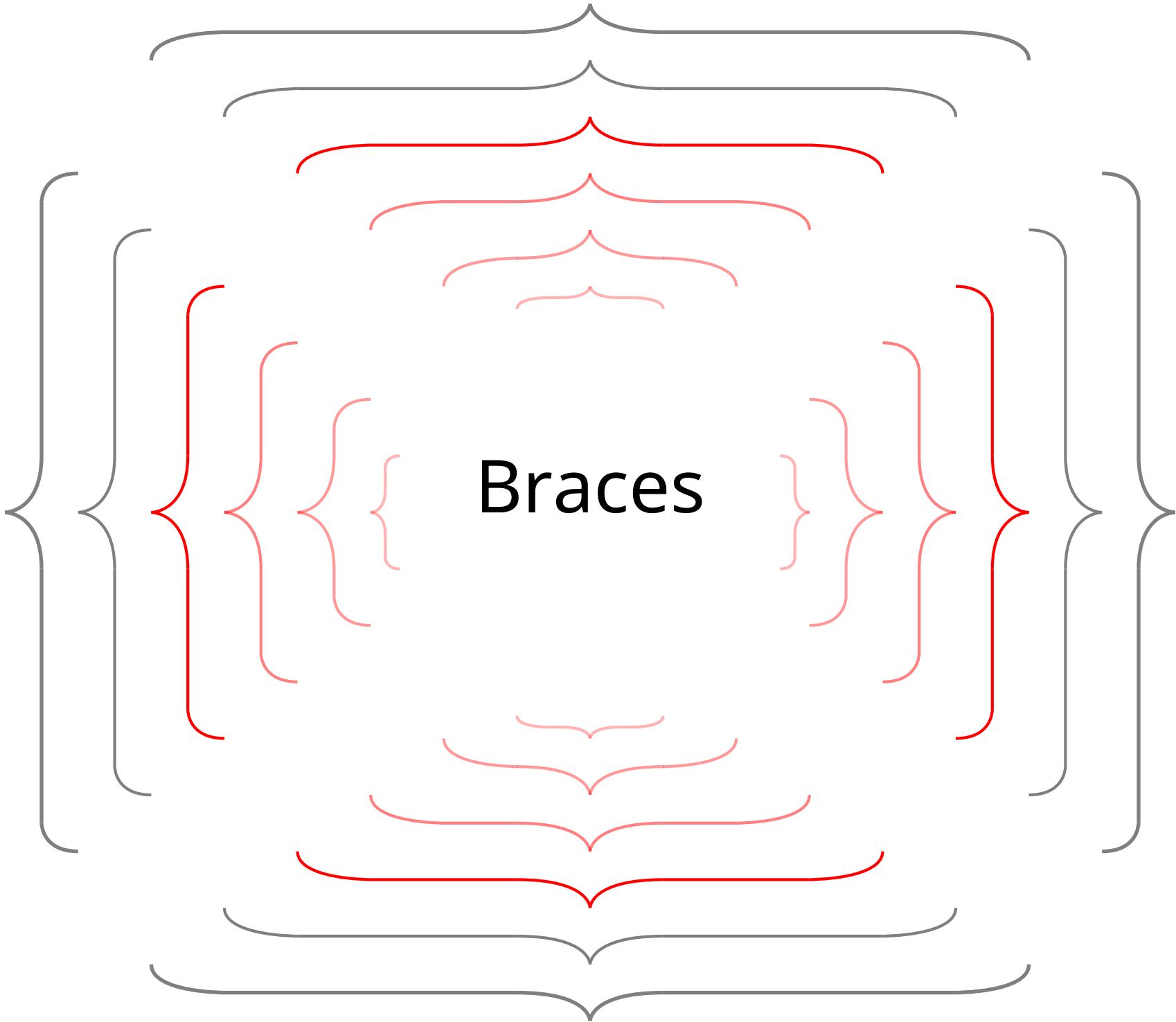


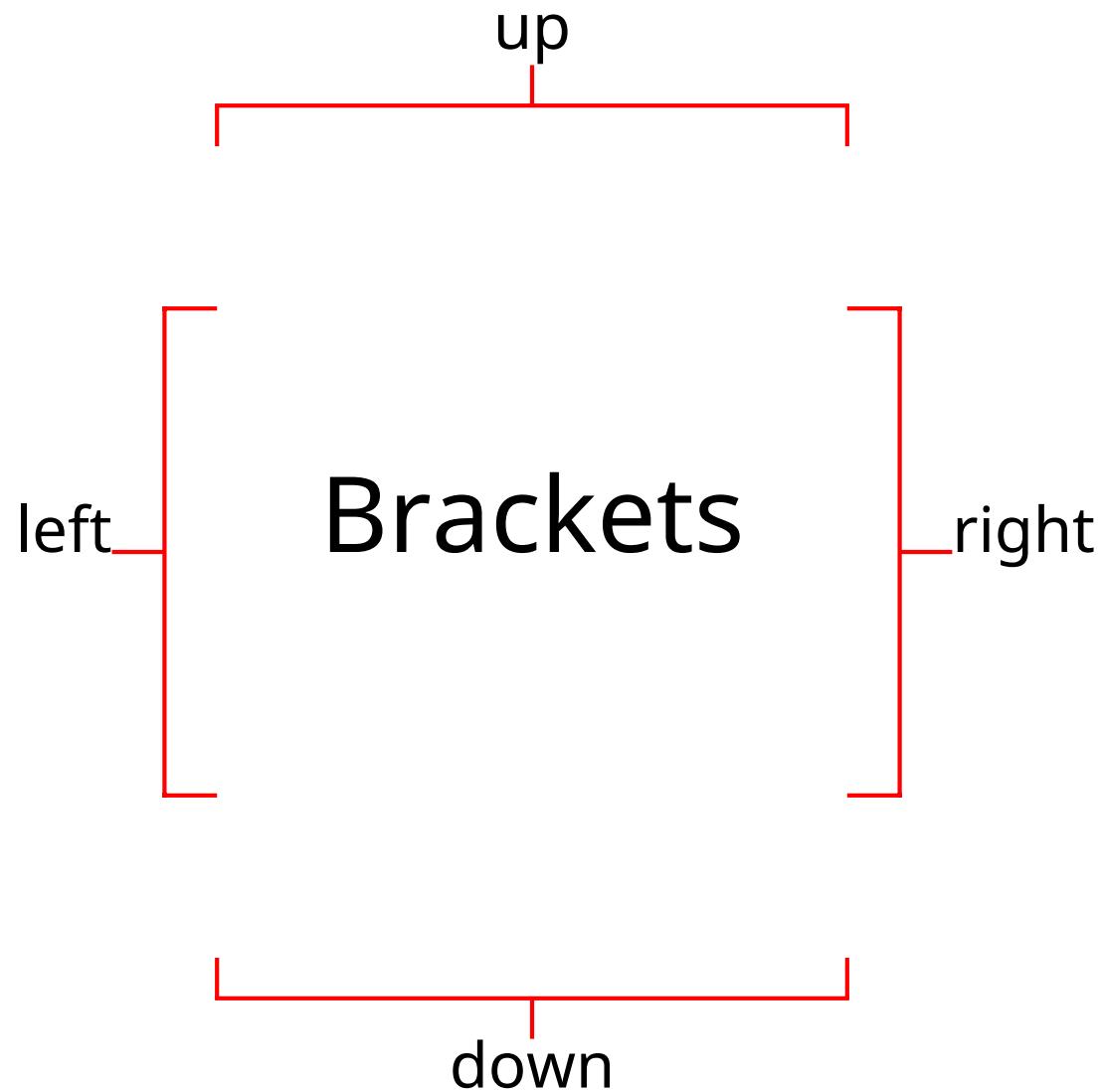




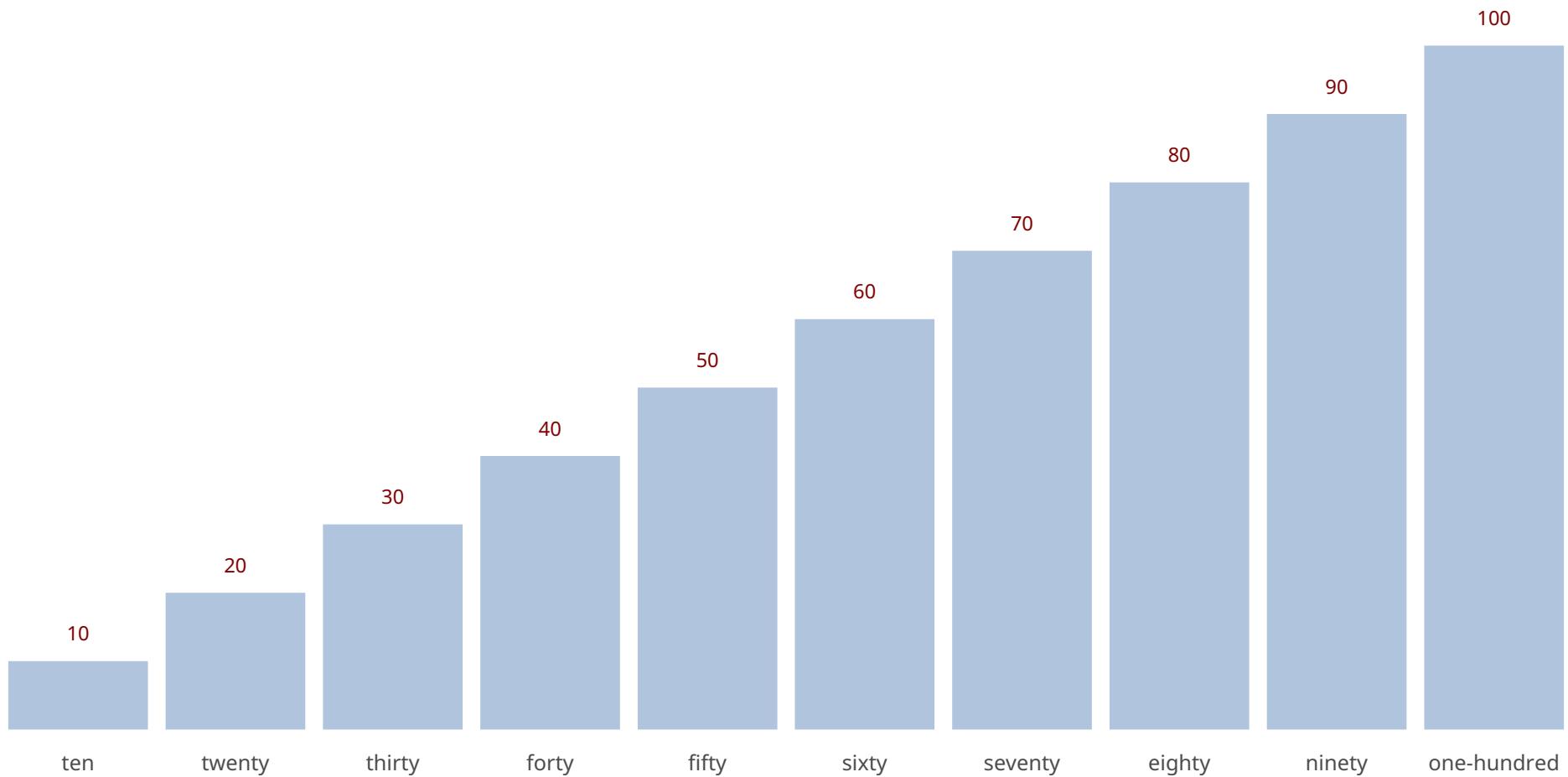


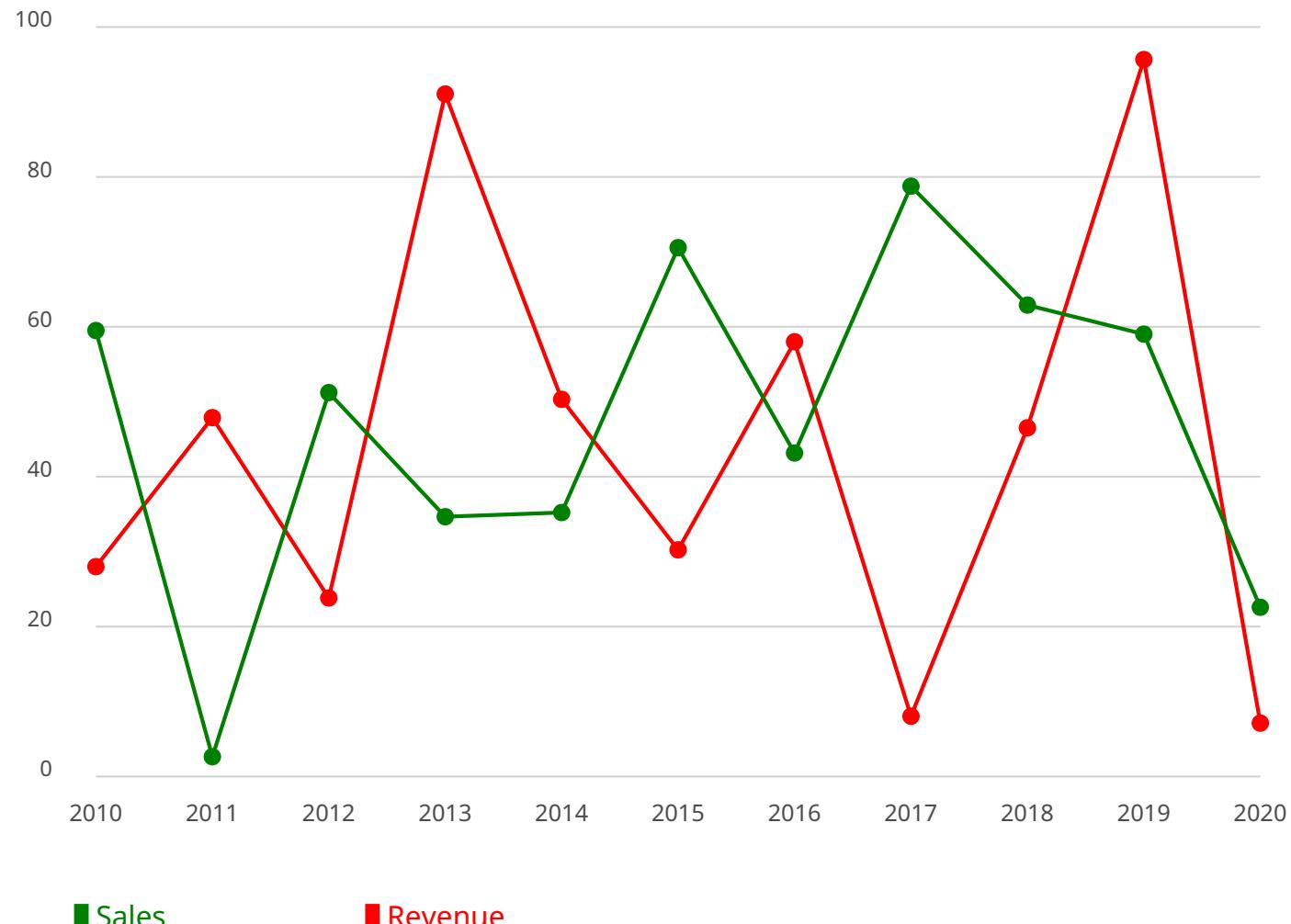
Braces



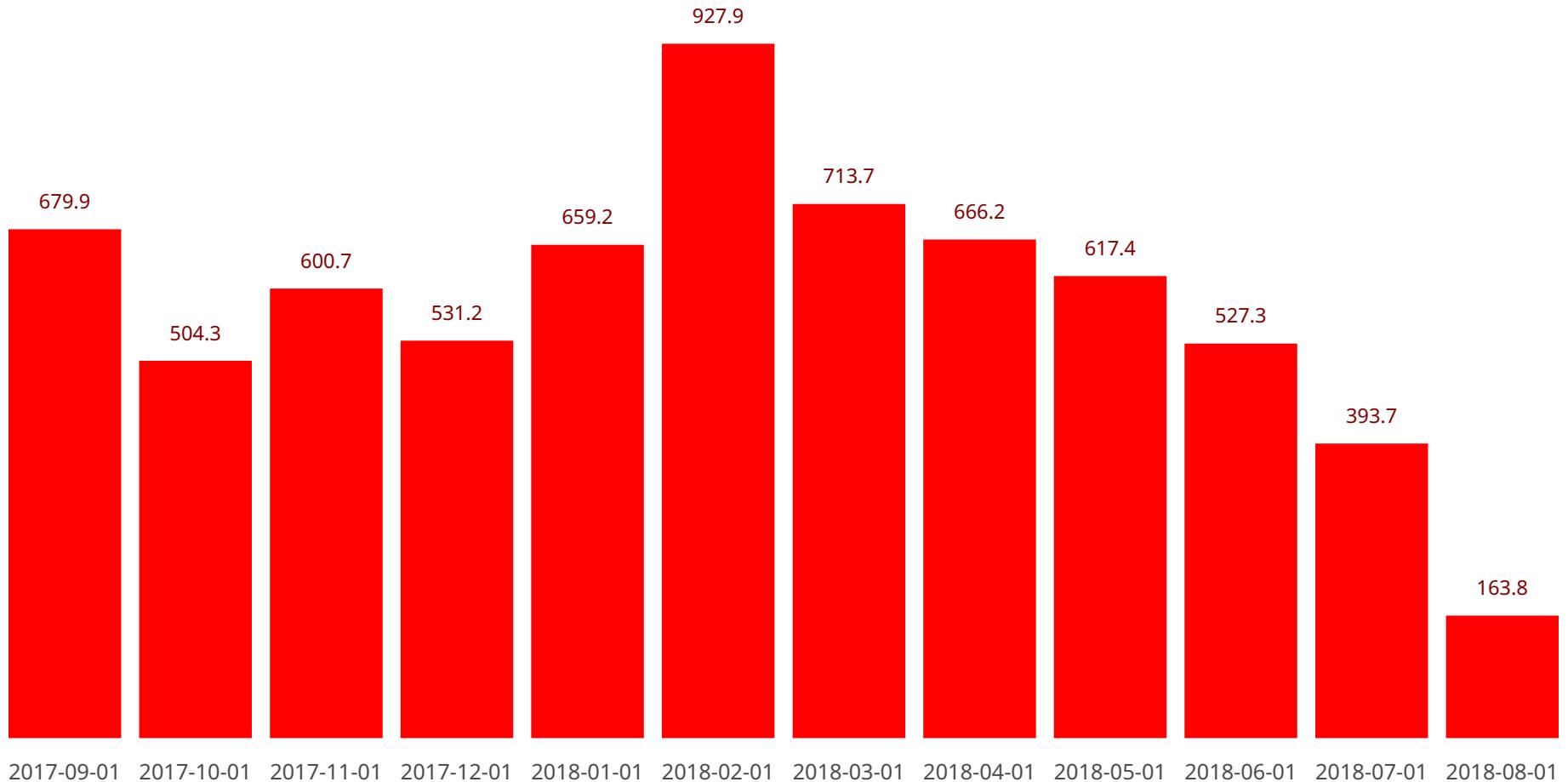


foo

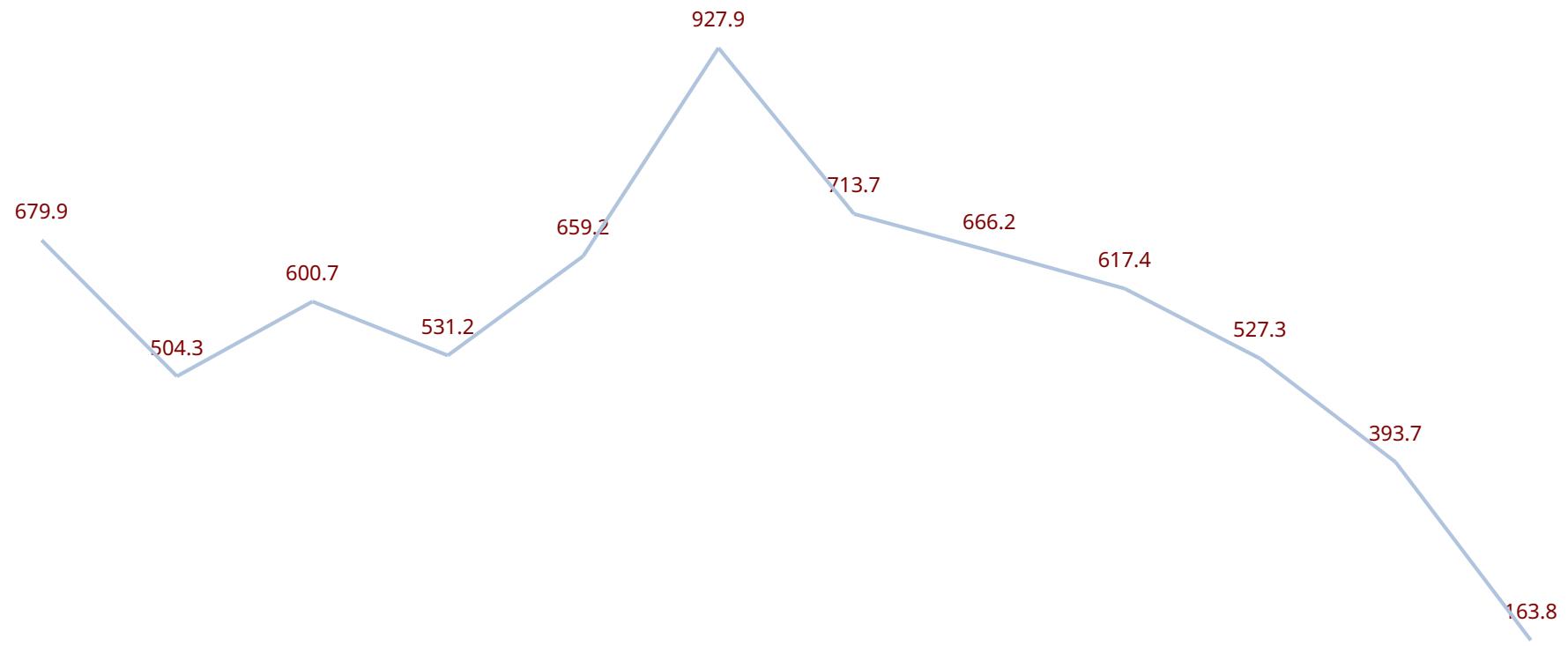




AAPL Volume (Millions)

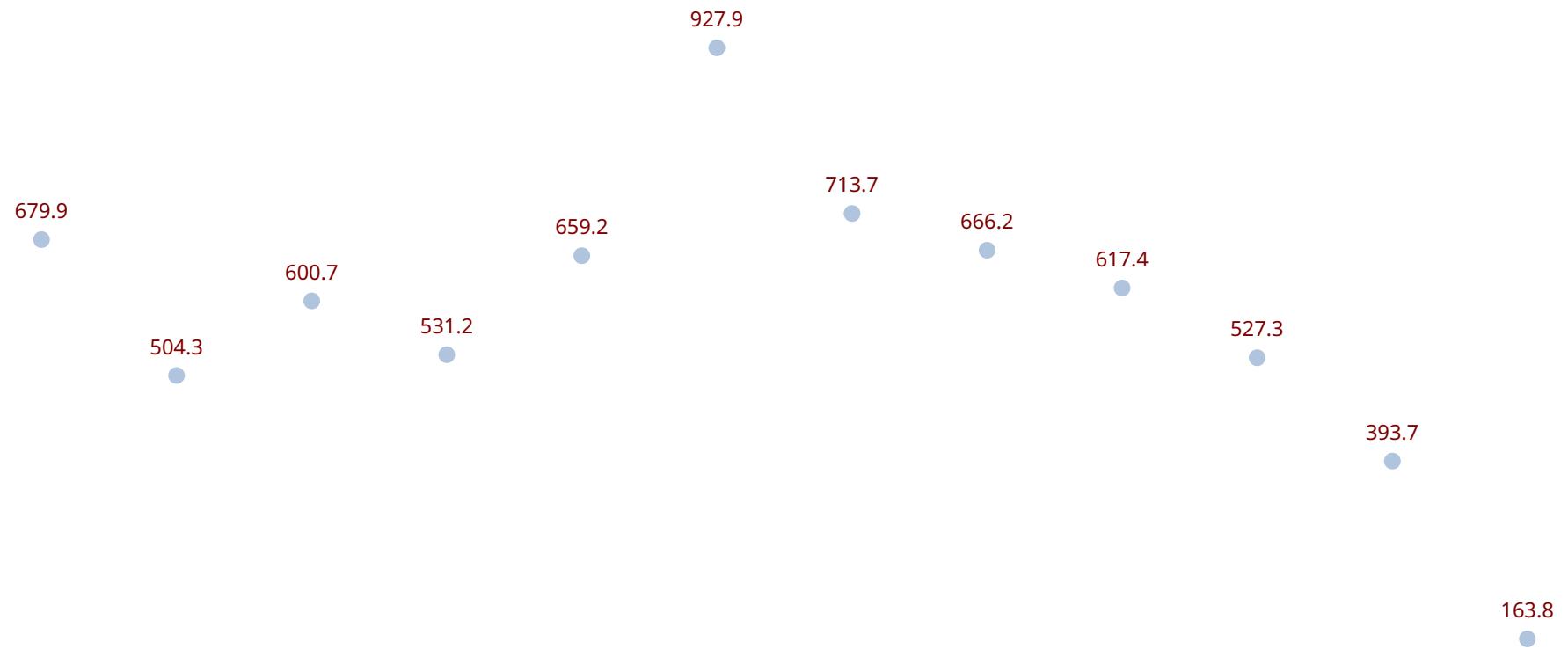


AAPL Volume (Millions)



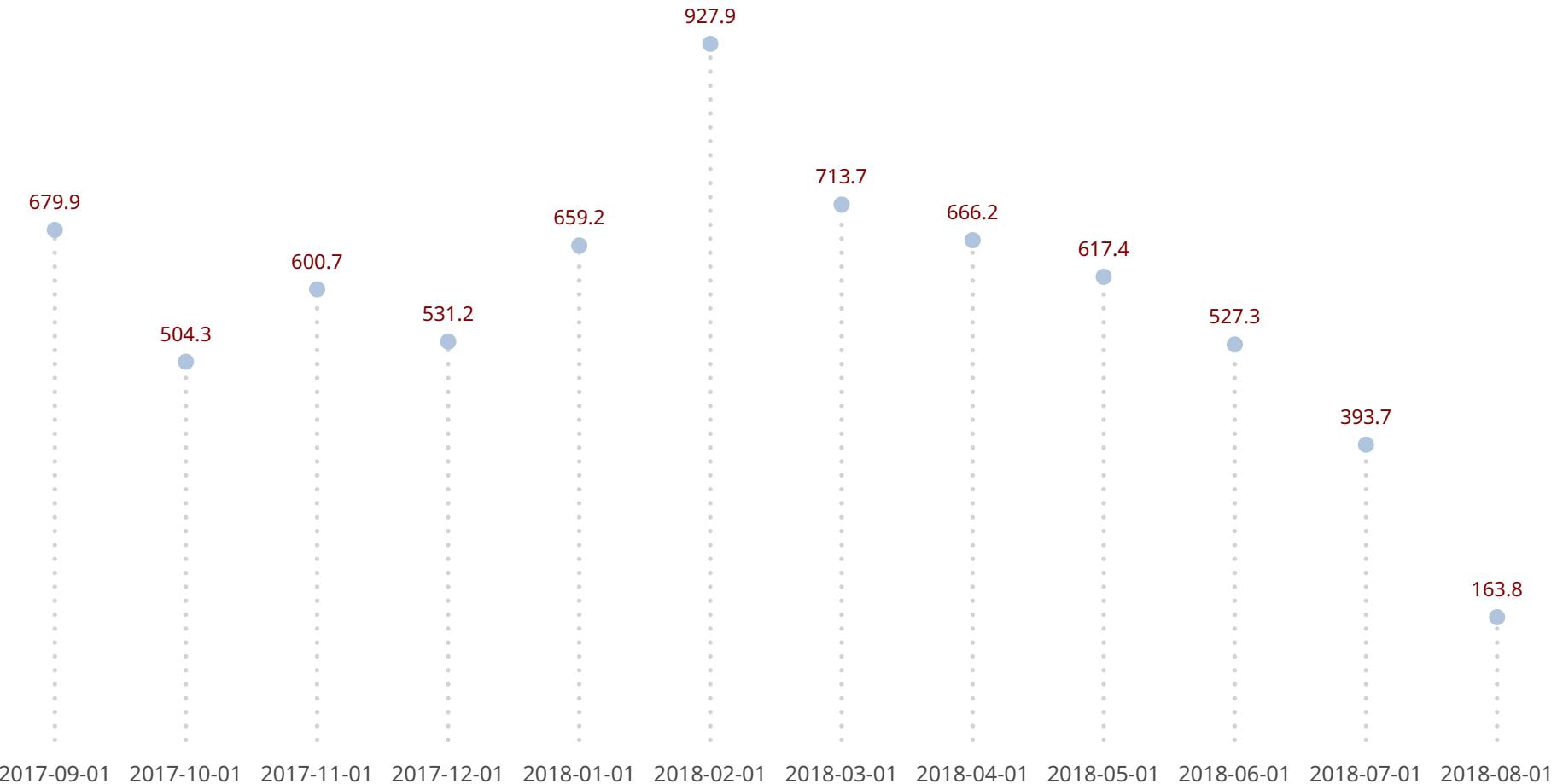
2017-09-01 2017-10-01 2017-11-01 2017-12-01 2018-01-01 2018-02-01 2018-03-01 2018-04-01 2018-05-01 2018-06-01 2018-07-01 2018-08-01

AAPL Volume (Millions)

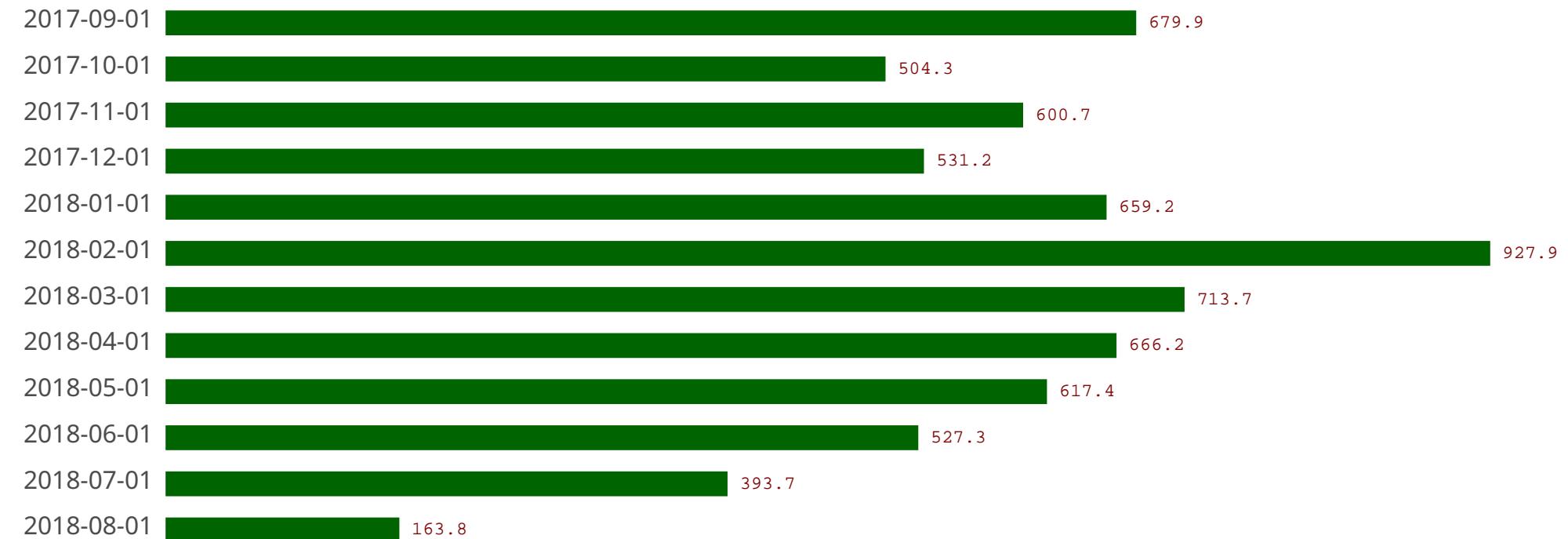


2017-09-01 2017-10-01 2017-11-01 2017-12-01 2018-01-01 2018-02-01 2018-03-01 2018-04-01 2018-05-01 2018-06-01 2018-07-01 2018-08-01

AAPL Volume (Millions)



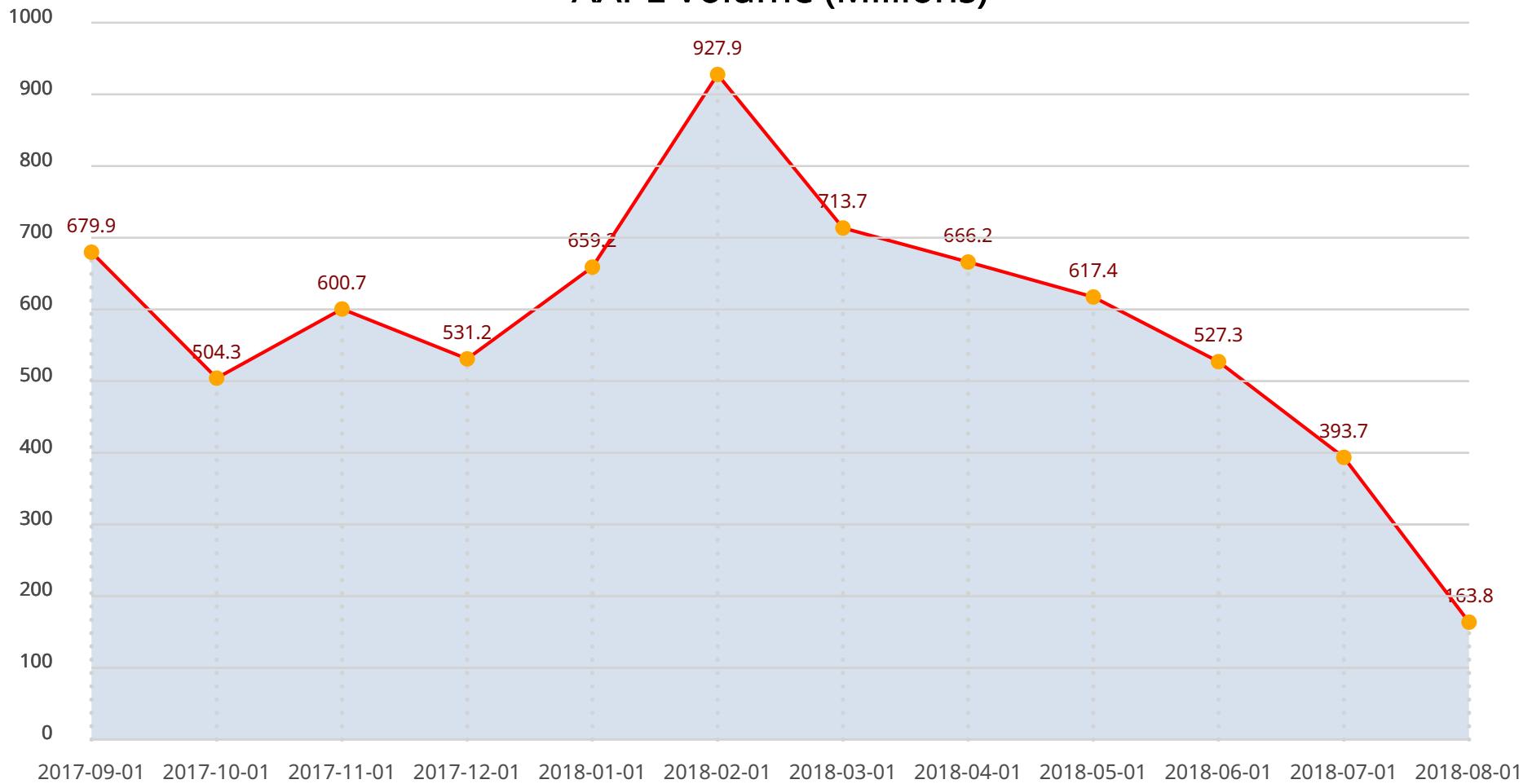
AAPL Volume (Millions)



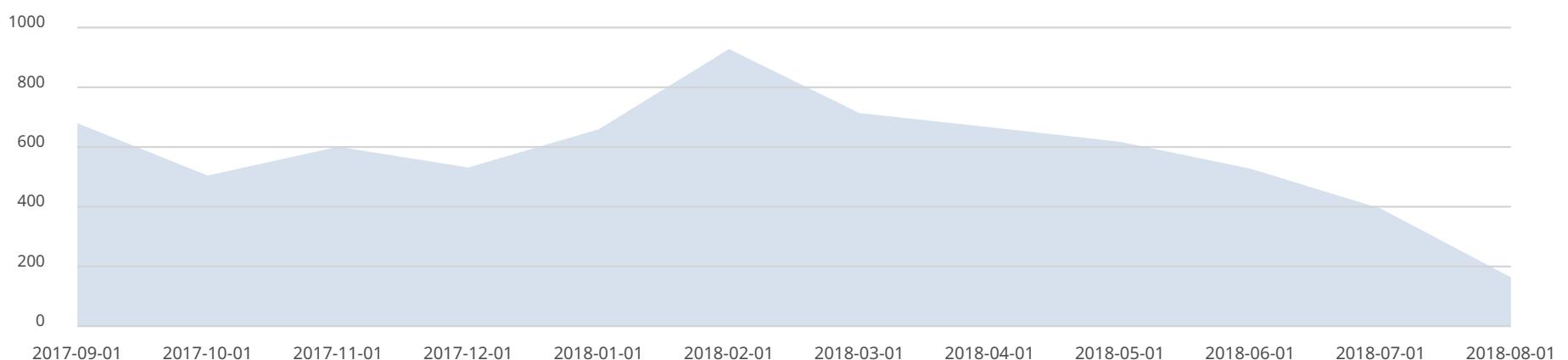
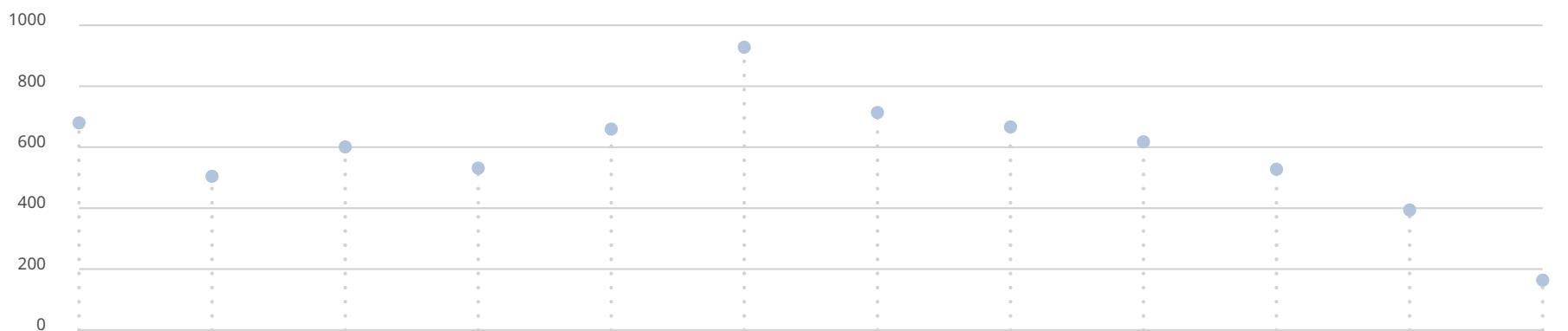
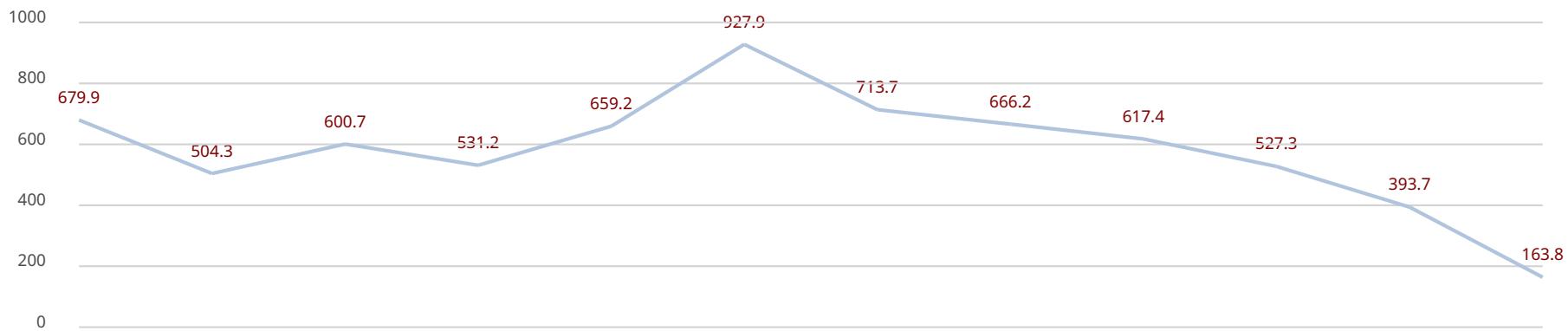
AAPL Volume (Millions)



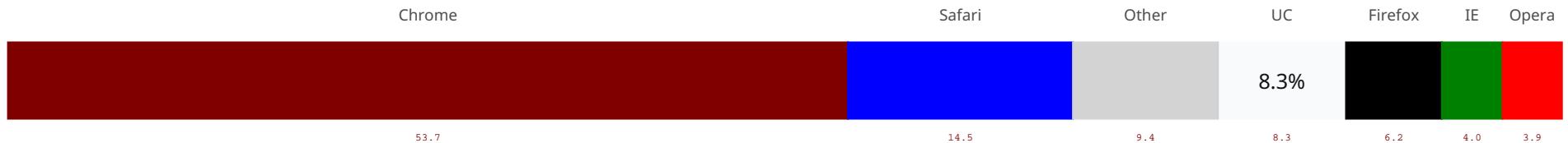
AAPL Volume (Millions)



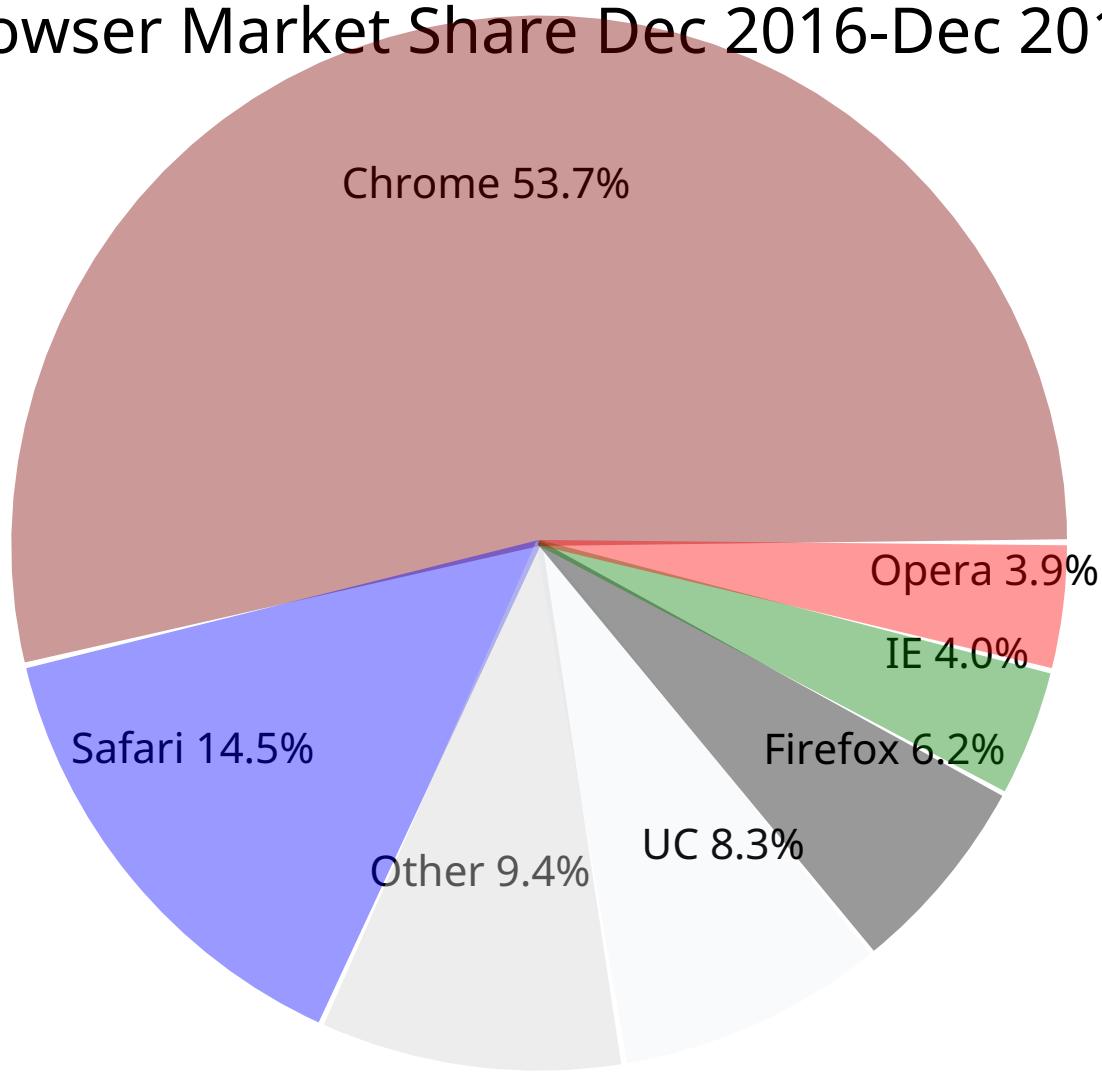
AAPL Volume (Millions)

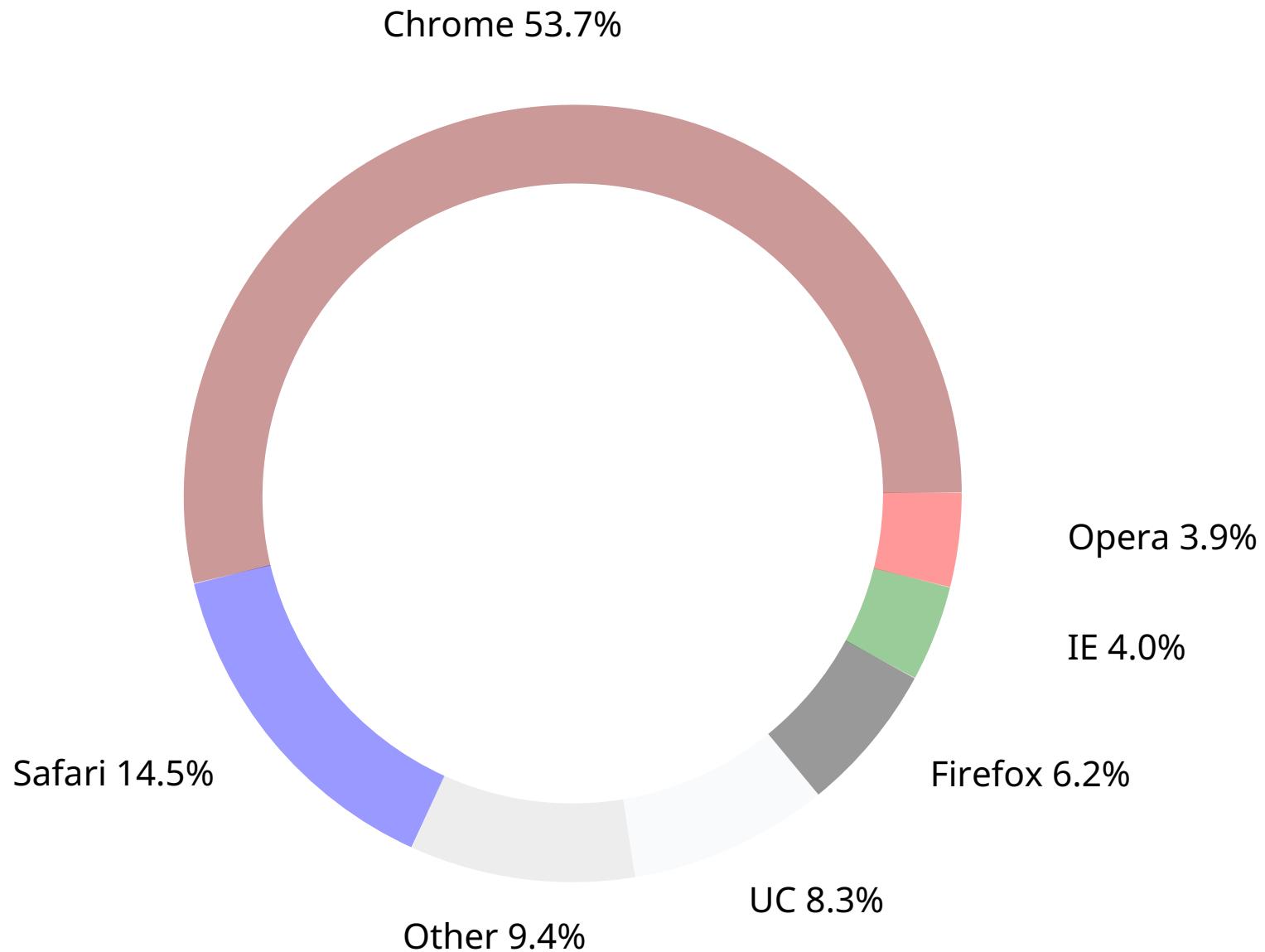


Browser Market Share Dec 2016-Dec 2017



Browser Market Share Dec 2016-Dec 2017









LARGE

Width Scaled Image

10%



30%



50%



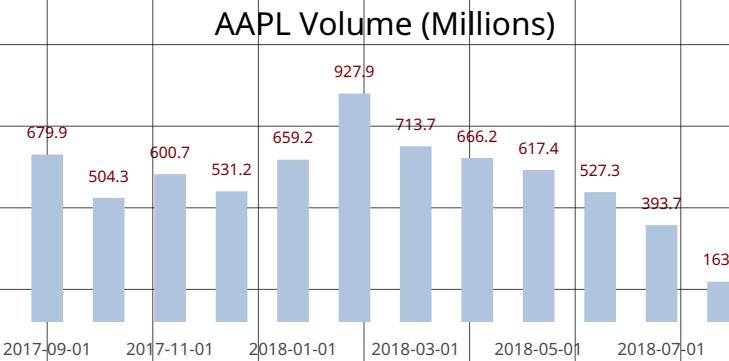
Geographic Functions



Deck elements

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

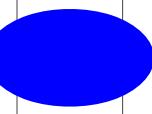
chart



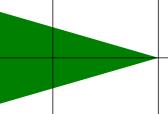
rect



ellipse



polygon



line



arc



curve



text

geo

image



Dreams