

# Introducing FF Chartwell

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Designed by Travis Kochel, FF Chartwell® is a typeface for creating simple graphs. Driven by the frustration of creating graphs within design applications and inspired by typefaces such as FF Beowolf® and FF PicLig™, Travis saw an opportunity to take advantage of OpenType technology to simplify the process.

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Using OpenType ligatures, strings of numbers are automatically transformed into charts. The data remains in a text box, allowing for easy updates and styling.

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It's really easy to use; you just type a series of numbers like: "10+13+37+40", turn on Discretionary Ligatures and a graph is automatically created. To see the original data all you need to do is turn off Discretionary Ligatures. All styles support values with zero or one decimals, but not more.

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FF Chartwell was originally released in 2011 under the TK Type foundry. In 2012, it was added to the FontFont library with the addition of four new chart styles, the FF Chartwell Polar Series.

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The styles of the Coordinate Series (Floating Areas, Floating Bars Vertical, Floating Rings, Scatter) have been added in 2015, offering a new dimension of data to your graphs.

# Hints and Tips

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Don't forget to set the font in a large size. FF Chartwell is smaller than usual.

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Always make sure letter spacing is set to "0".

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Turn on Discretionary Ligatures to transform numbers into charts.

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Use InDesign's Story Editor (Edit > Edit in Story Editor) to edit the values of charts without having to switch off the OpenType features.

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You can change colors if you like: 20+15+25+40

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In the Floating styles, the second value must always be greater than the first value for each value pair.

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Please note:

FF Chartwell Pies and FF Chartwell Rings are compatible with Word 2010/2011, to ensure the color versions works the "+" sign needs to be the same color as the preceding numbers.

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FF Chartwell Bars and FF Chartwell Bars Vertical are the only fonts that are currently compatible with iWorks.

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FF Chartwell is compatible with Adobe InDesign, Illustrator, Photoshop and QuarkExpress

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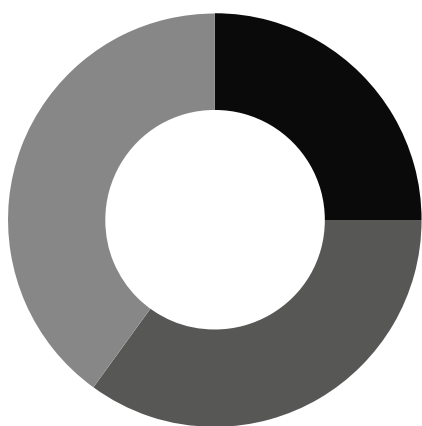
# FF Chartwell Pies

Each pie has a total value of 100.

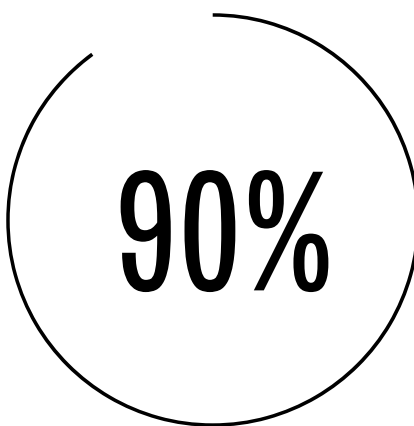
If the total is greater than 100, a new chart will begin.



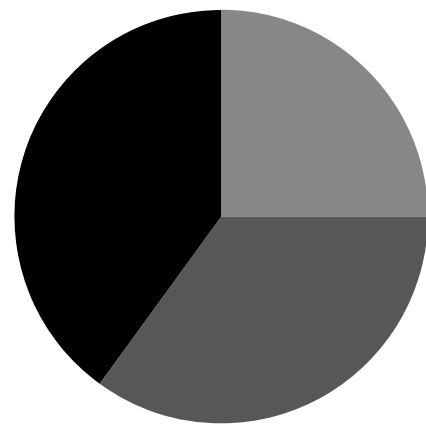
10      20      30      40      50      60      70      80      90      100



25+35+40+A

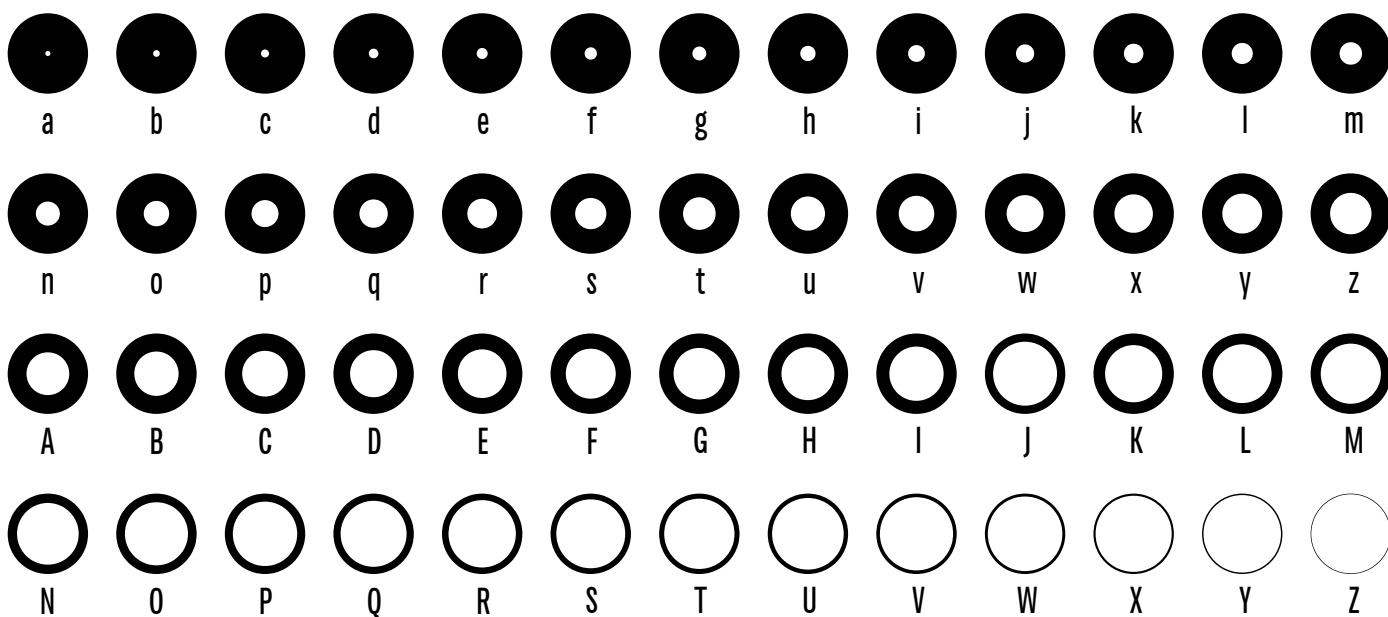


90+Z



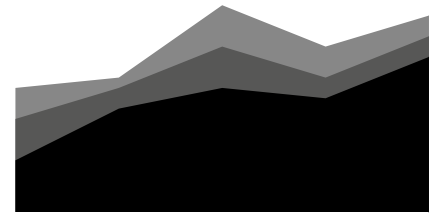
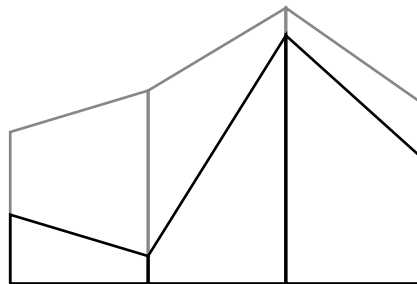
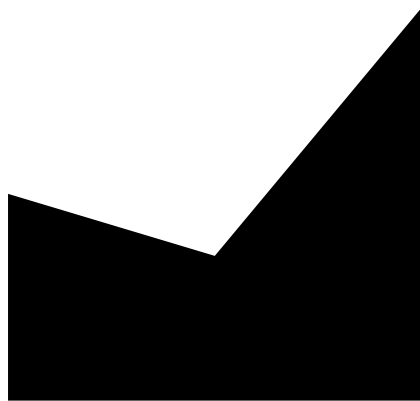
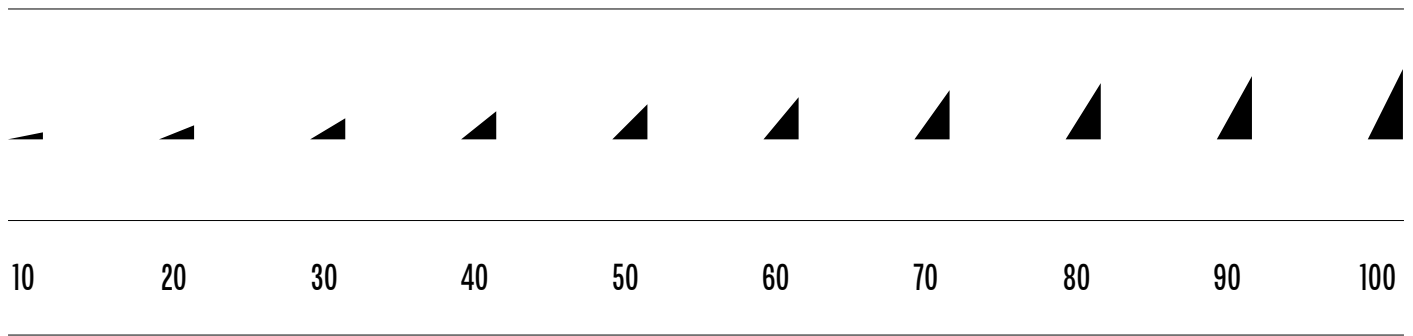
25+35+40

You can transform the chart into a ring by using letters a-z.



# FF Chartwell Areas

Each area supports values from 0 to 100,  
and you need to use the "+" to connect values.

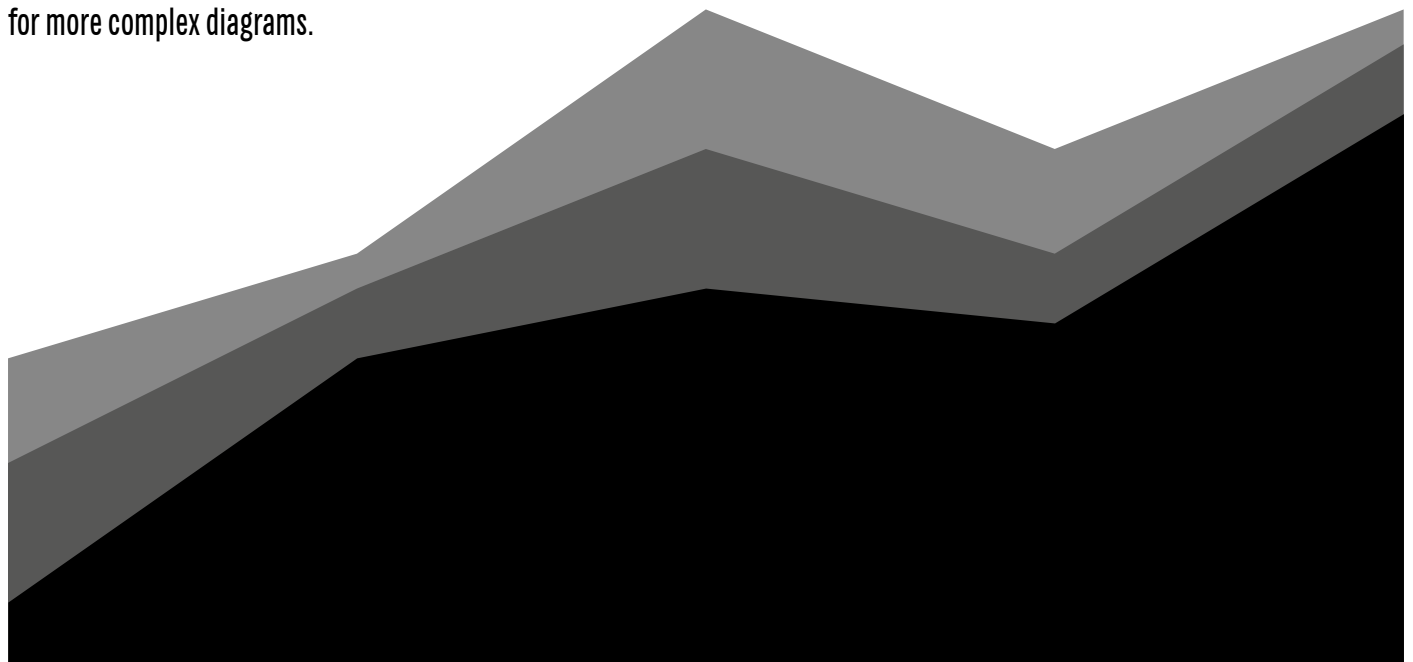


50+35+95

55+70+100+65  
25+10+90+45

60+65+100+80+95  
45+60+80+65+85  
25+50+60+55+75

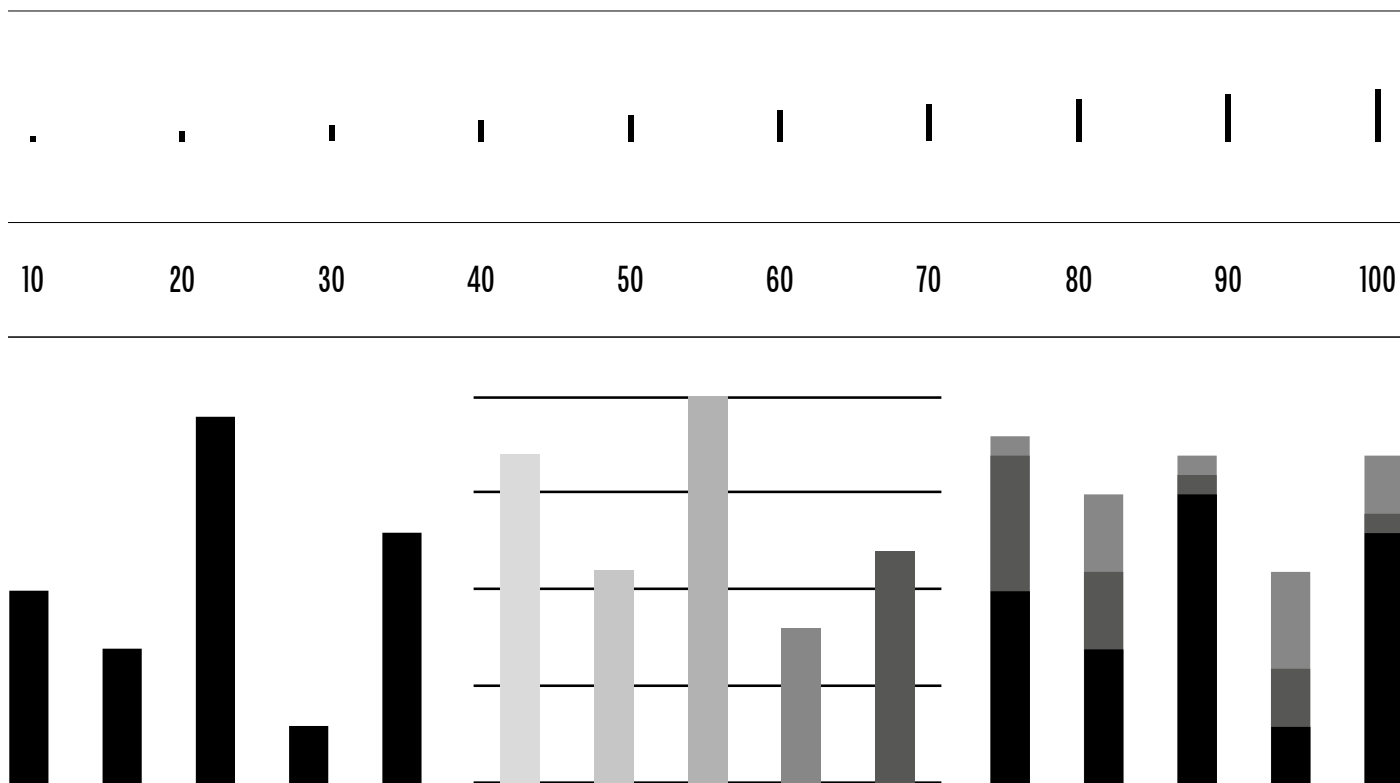
Layered charts can be created  
for more complex diagrams.



# FF Chartwell Bars Vertical

Each bar supports values from 0 to 100.

You can use Bars Vertical to create sparklines and other bar graphs.

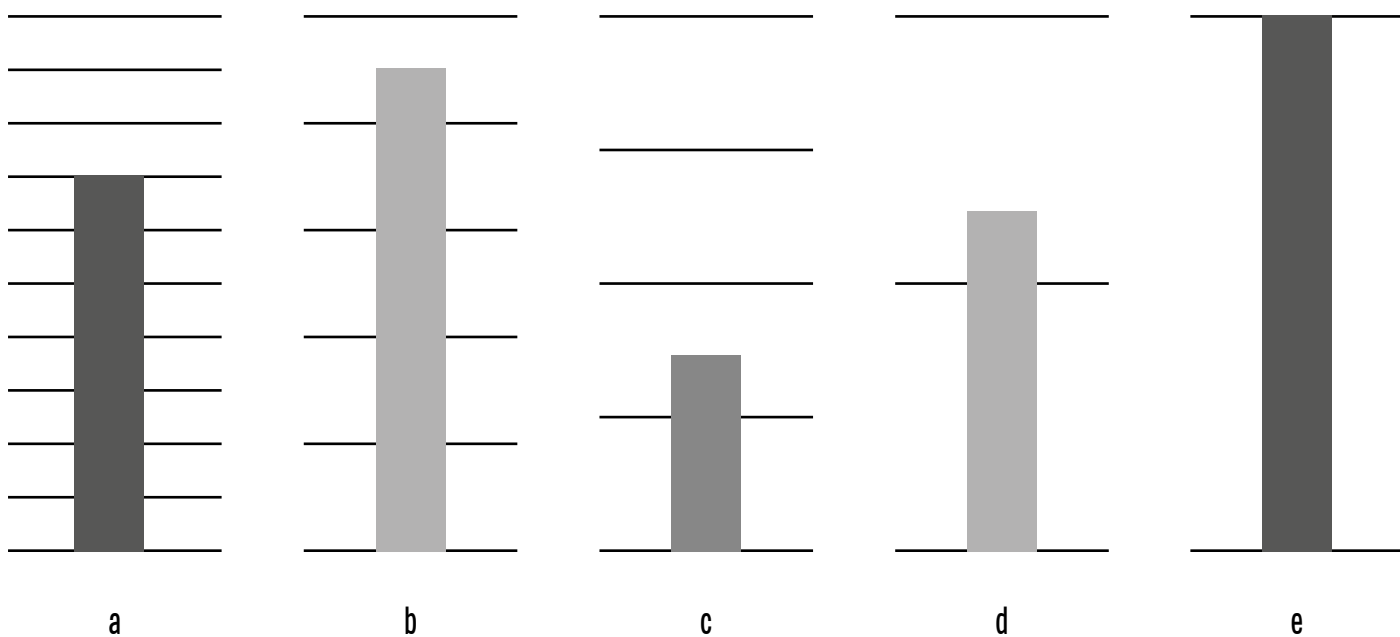


c+50+35+95+15+65

c+85+55+100+40+60

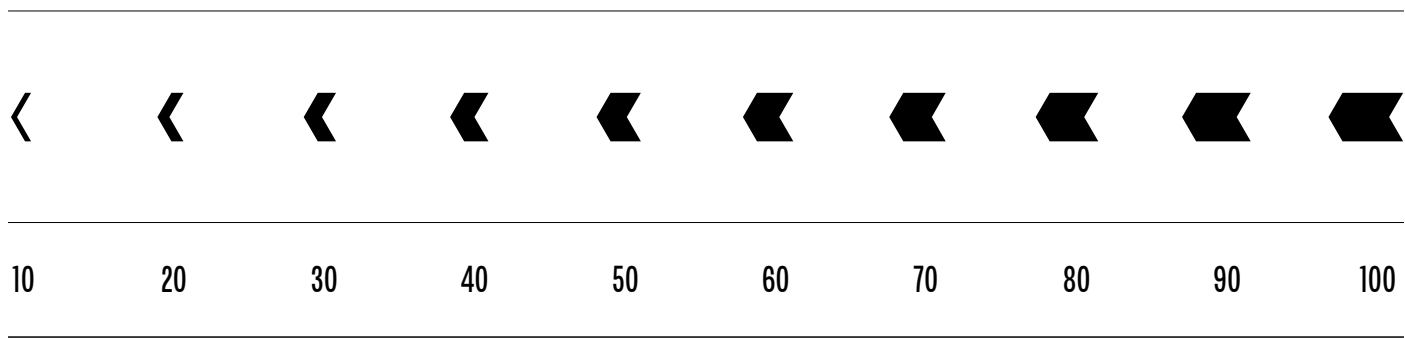
50+35+75+15+65  
85+55+80+30+70  
90+75+85+55+85

Use letters a–f to define the grid.



# FF Chartwell Bars

Each bar supports values from 0 to 1000,  
and you use the "+" to connect each value.



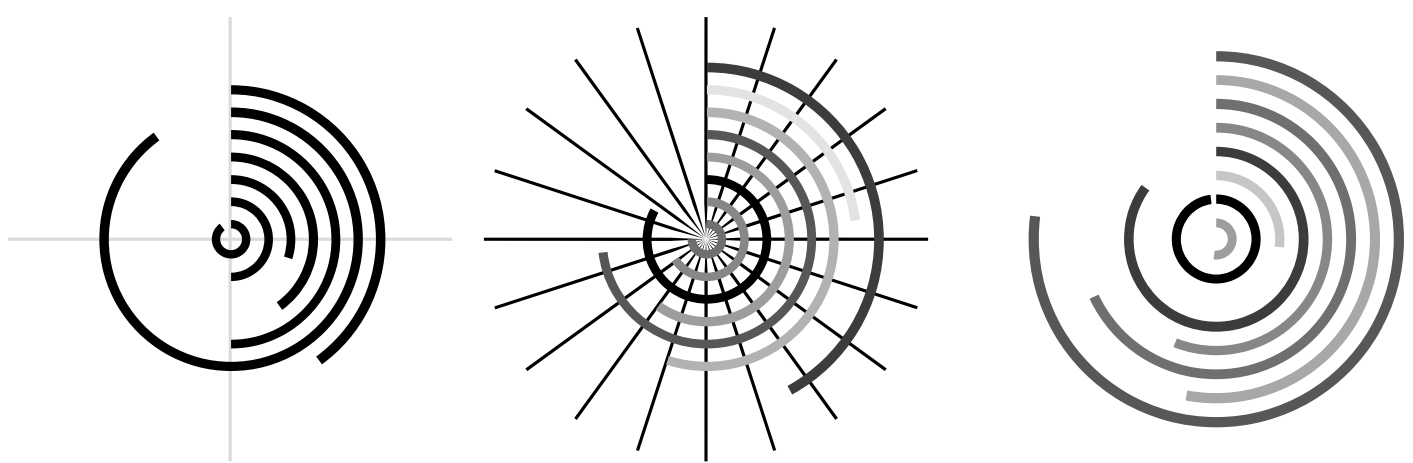
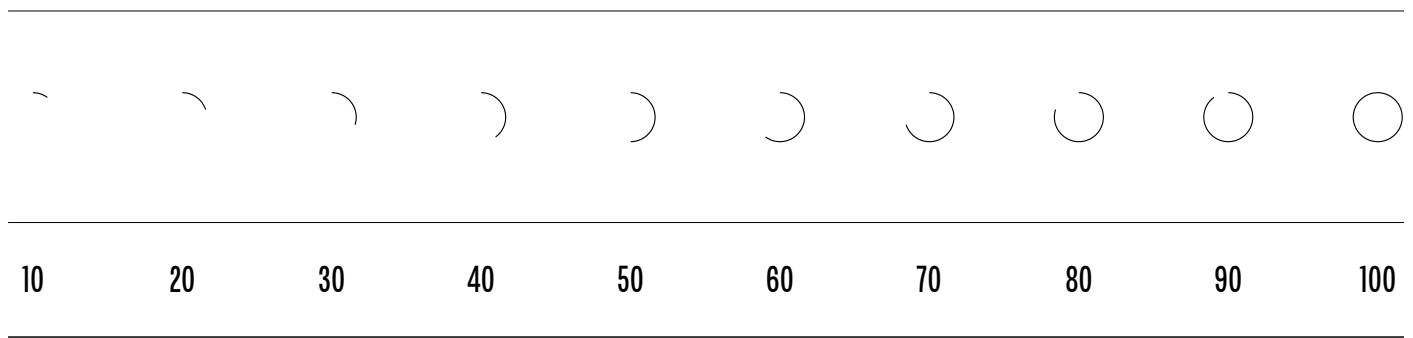
375+625=	350+650=	530	600	550	440	530	600
400+600=	440+560=	420	400	290	300	390	330
280+720=		300	350	500	350	450	400

Use the "=" to create a diamond (◆).



# FF Chartwell Rings

The radius increases after each value and the value of each number determines the length of each ring.

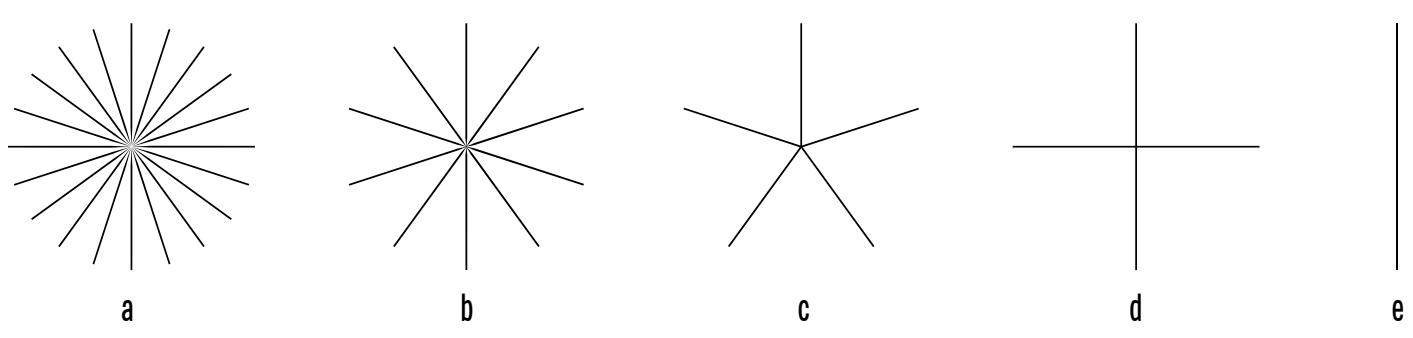


$$d+90+50+30+40+50+90+40$$

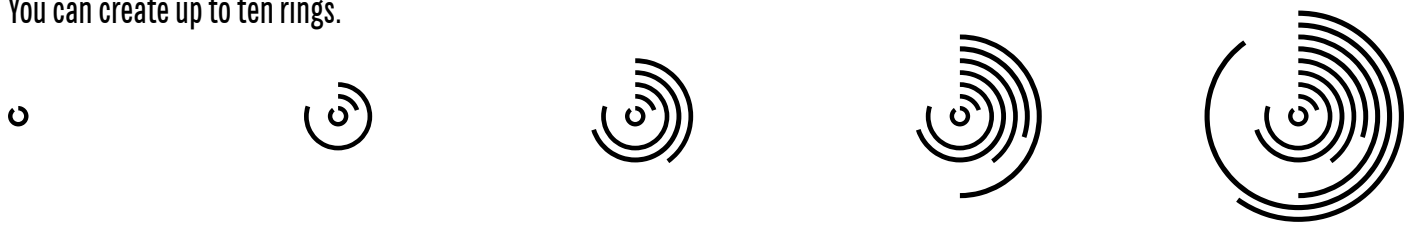
$$a+75+66+83+60+73+55+23+42$$

$$52+98+27+85+56+68+53+77$$

Use letters a–e to define the grid.



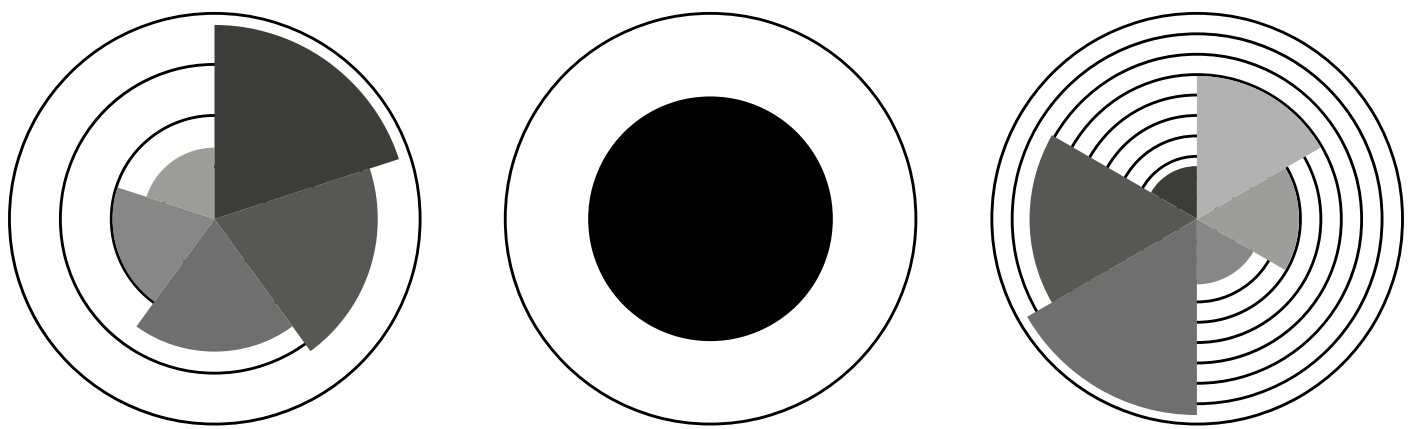
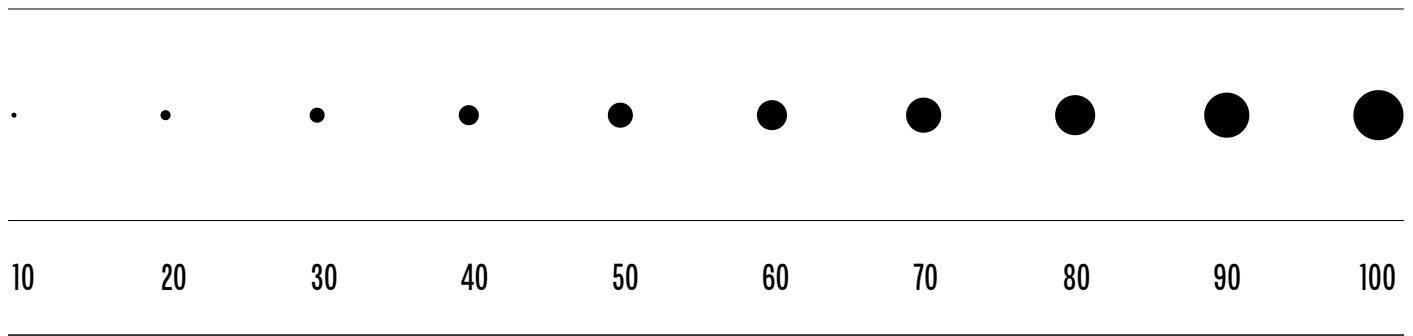
You can create up to ten rings.





# FF Chartwell Rose

The number of values determines the width of the wedge,  
and the value of each number determines the height of the wedge.

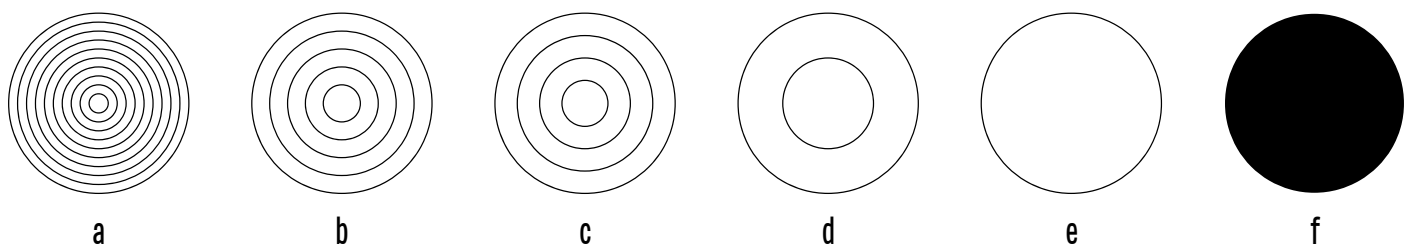


$c+95+80+65+50+35$

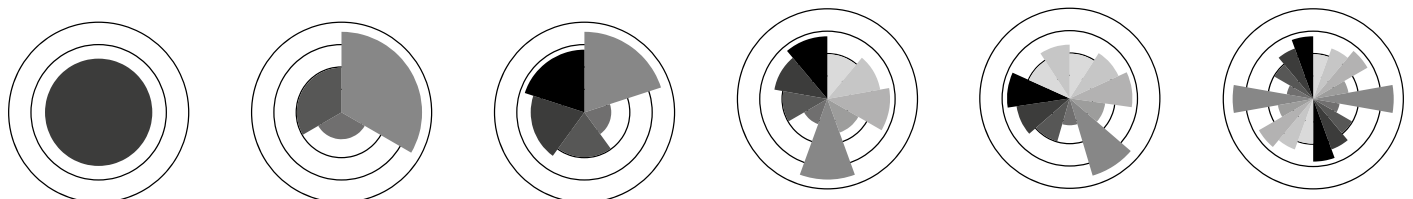
$e+54$

$a+70+50+32+96+82+26$

Use letters a–f to define the grid.

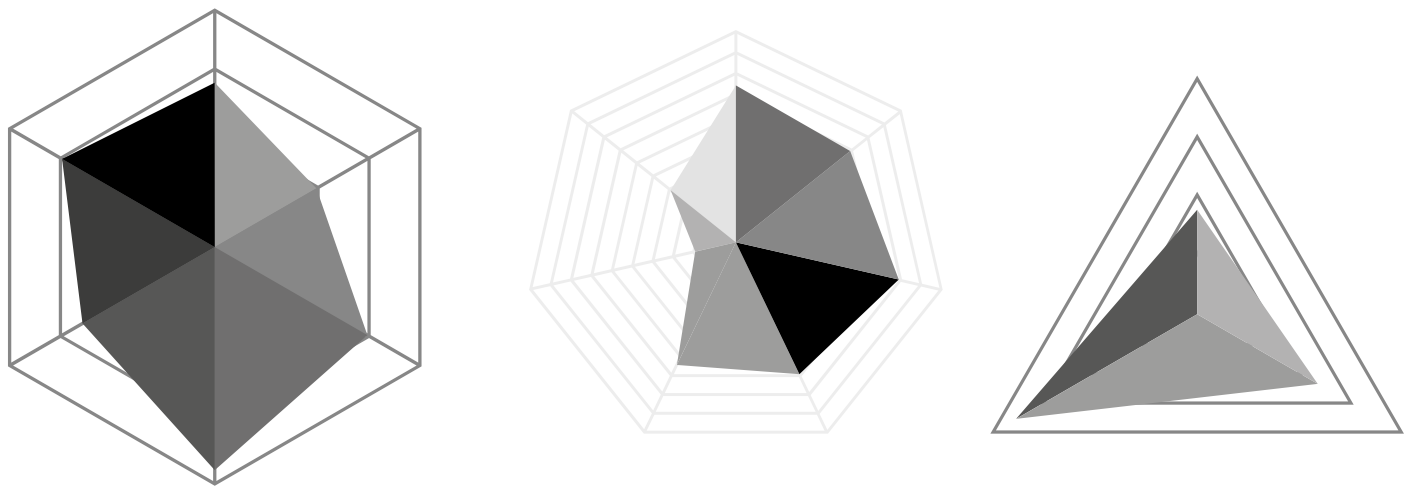
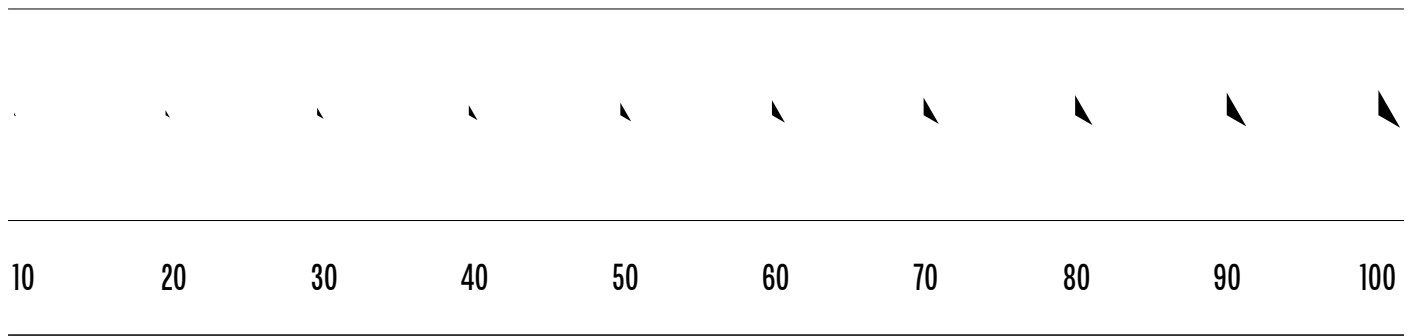


You can create up to 30 different wedges.



# FF Chartwell Radar

Axis number increases in relation to the number of values provided,  
and the value of each number determines the height of point along axis.

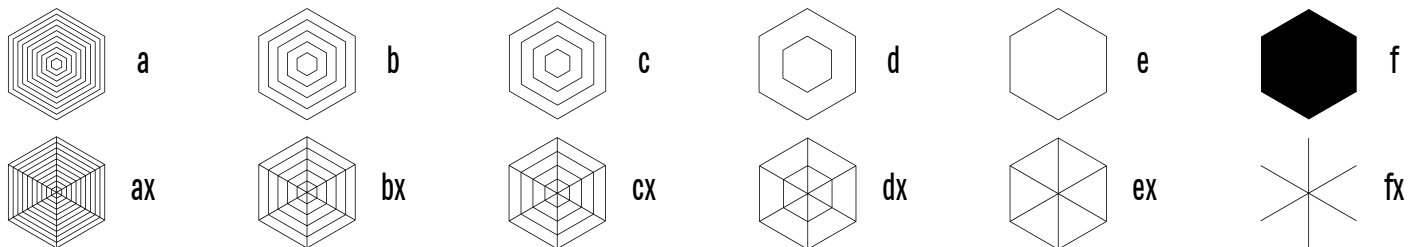


$cx+70+50+73+97+63+77$

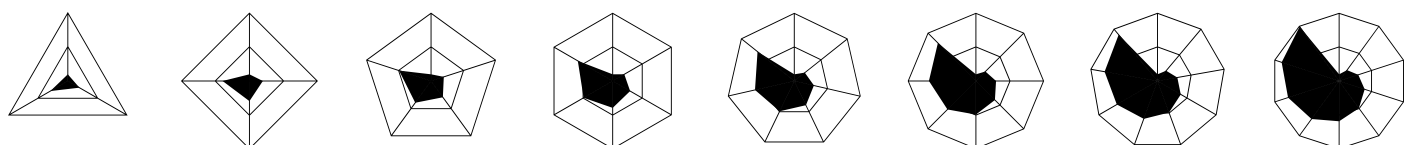
$ax+75+68+80+72+64+19+41$

$c+45+58+90$

Type letter combinations first to define the grid.

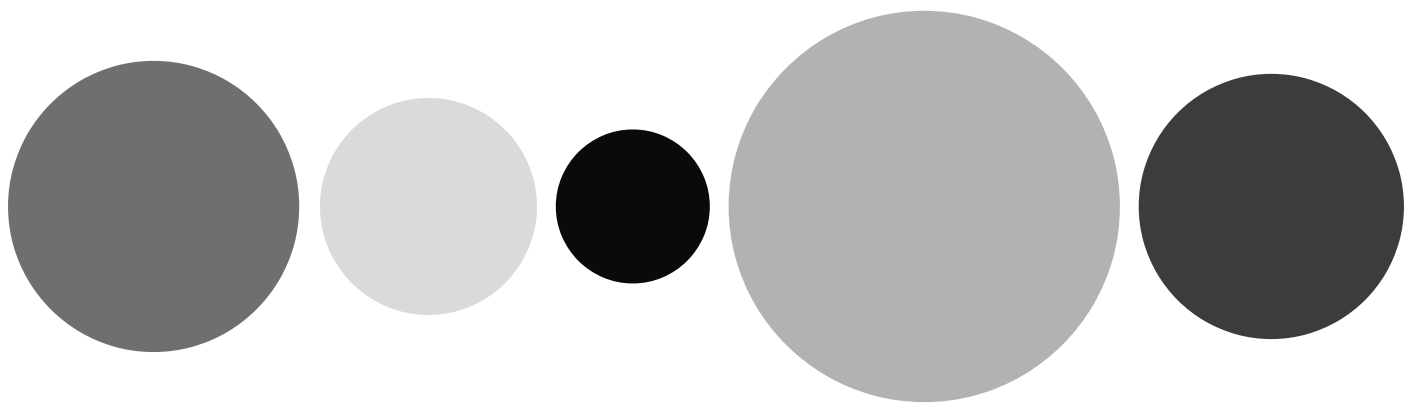
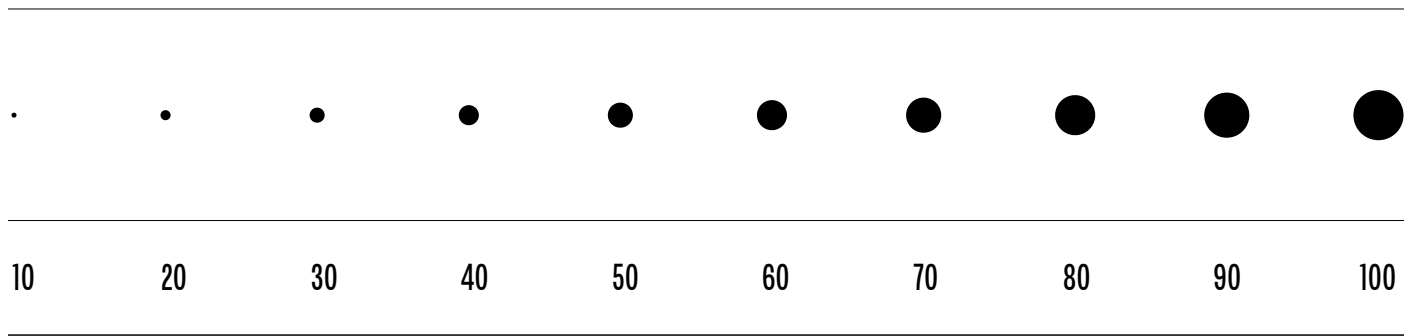


Adjust the number of values and create a chart with three to ten axes.



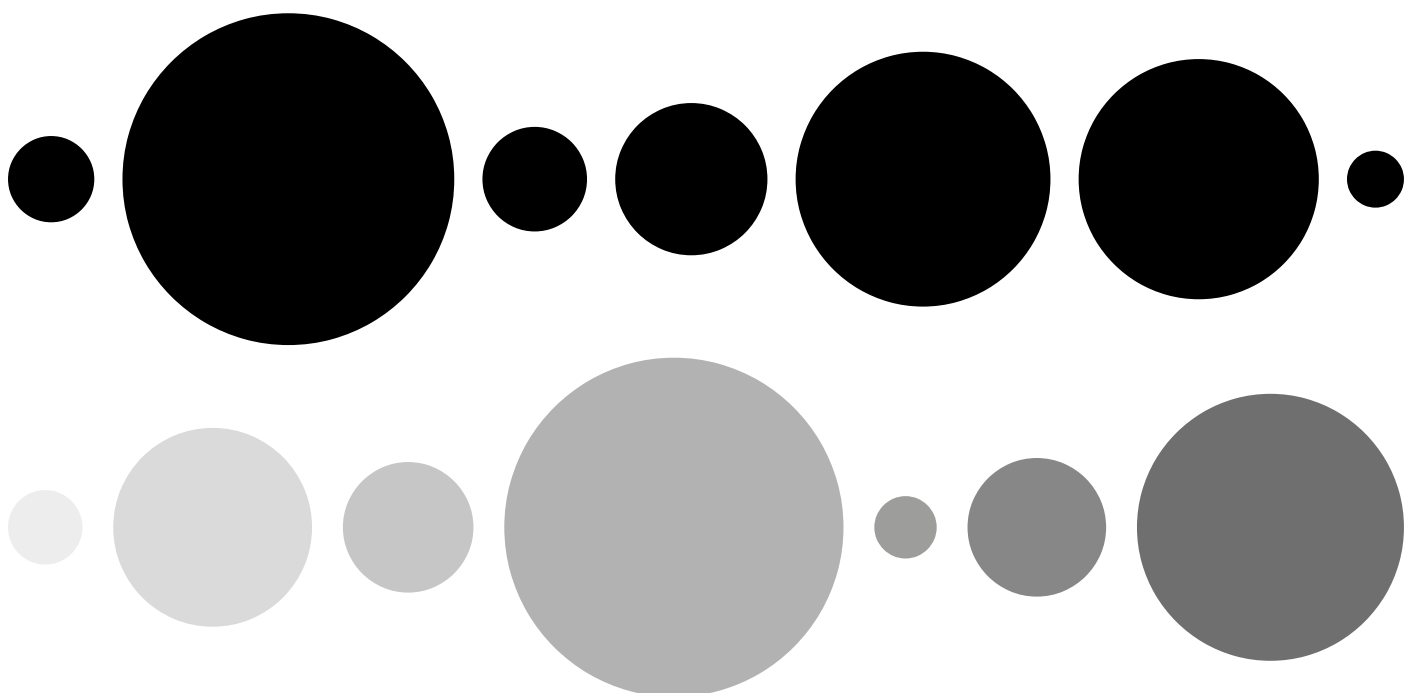
# FF Chartwell Bubbles

The number of values determines the number of circles,  
and the value of each number determines the radius of the circle.



$$70+50+33+97+63$$

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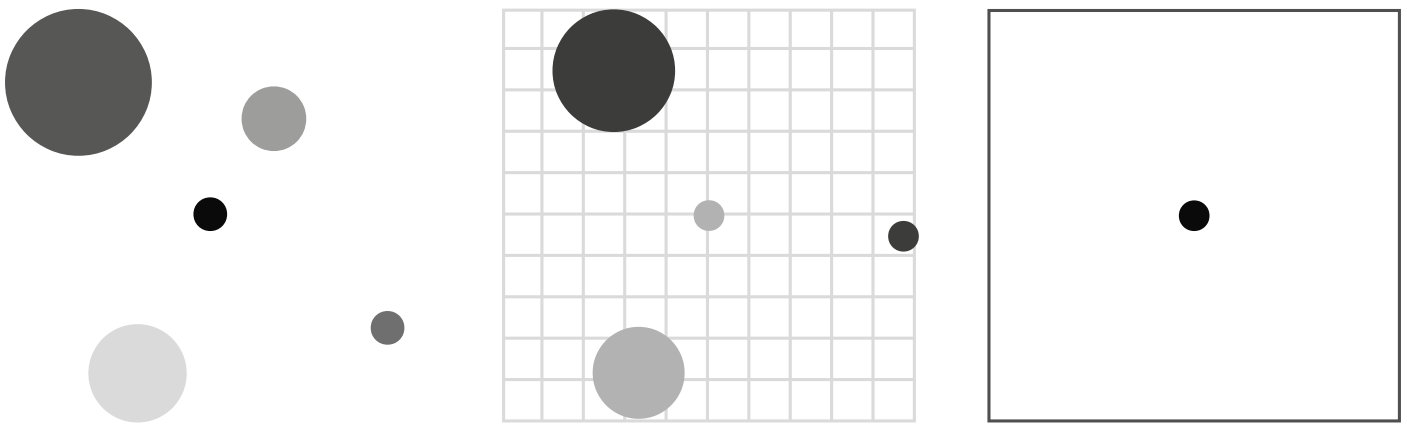


# FF Chartwell Scatter

The first value shows the horizontal distance and the second determines the vertical distance. An optional third value is available to change the size of the dot. If the third value is not set, the dot is set to small default size.



X,Y,10    X,Y,20    X,Y,30    X,Y,40    X,Y,50    X,Y,60    X,Y,70    X,Y,80    X,Y,90    X,Y,100

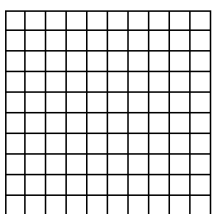


50,50+89,25+34,15,48+21,79,84+64,71,23

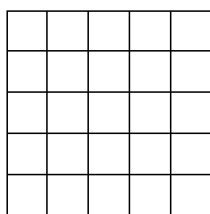
a+50,50+97,45+33,12,50+27,85,75

e+50,50

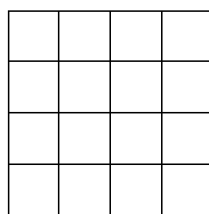
Use letters a–e to define the grid.



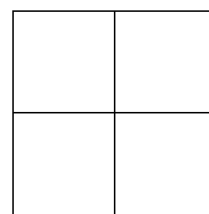
a



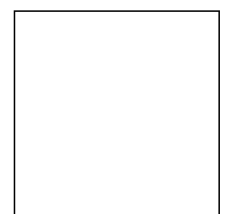
b



c

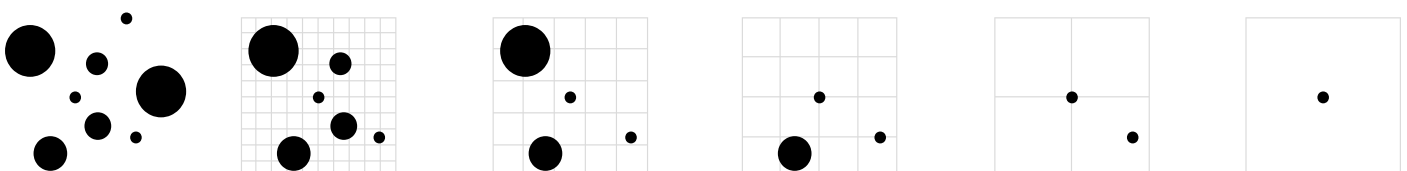


d



e

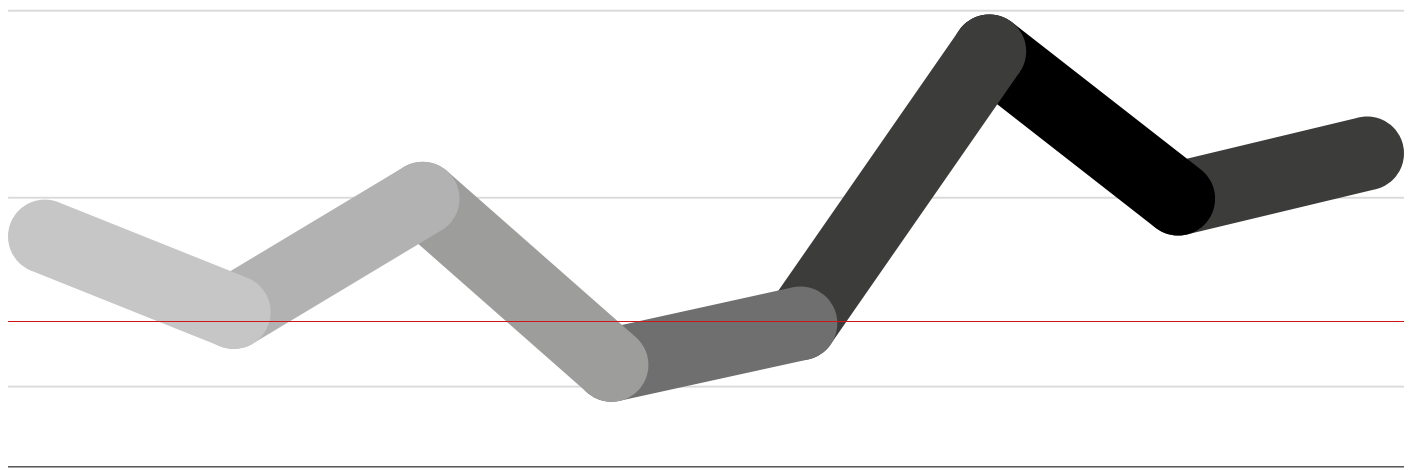
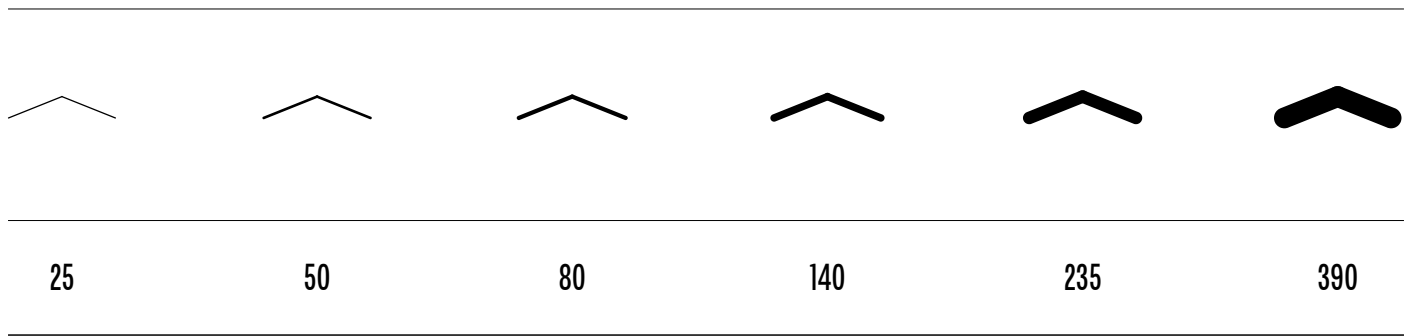
Add as many circles as you like to the grid.



# FF Chartwell Lines

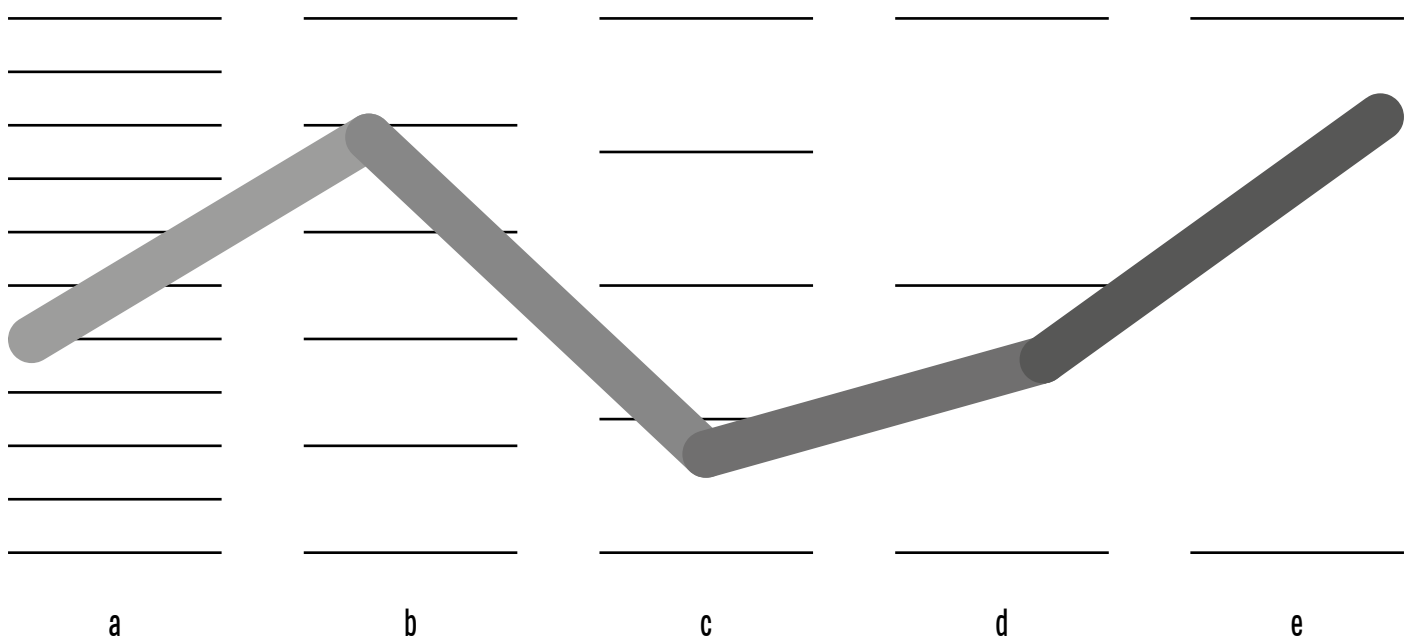
Lines come in six weights ranging from 25 to 390.

By using the letter x in front of a value, you can define a horizontal line going through the certain value the x is combined with.



d+40+20+50+6+17+89+50+62+x17

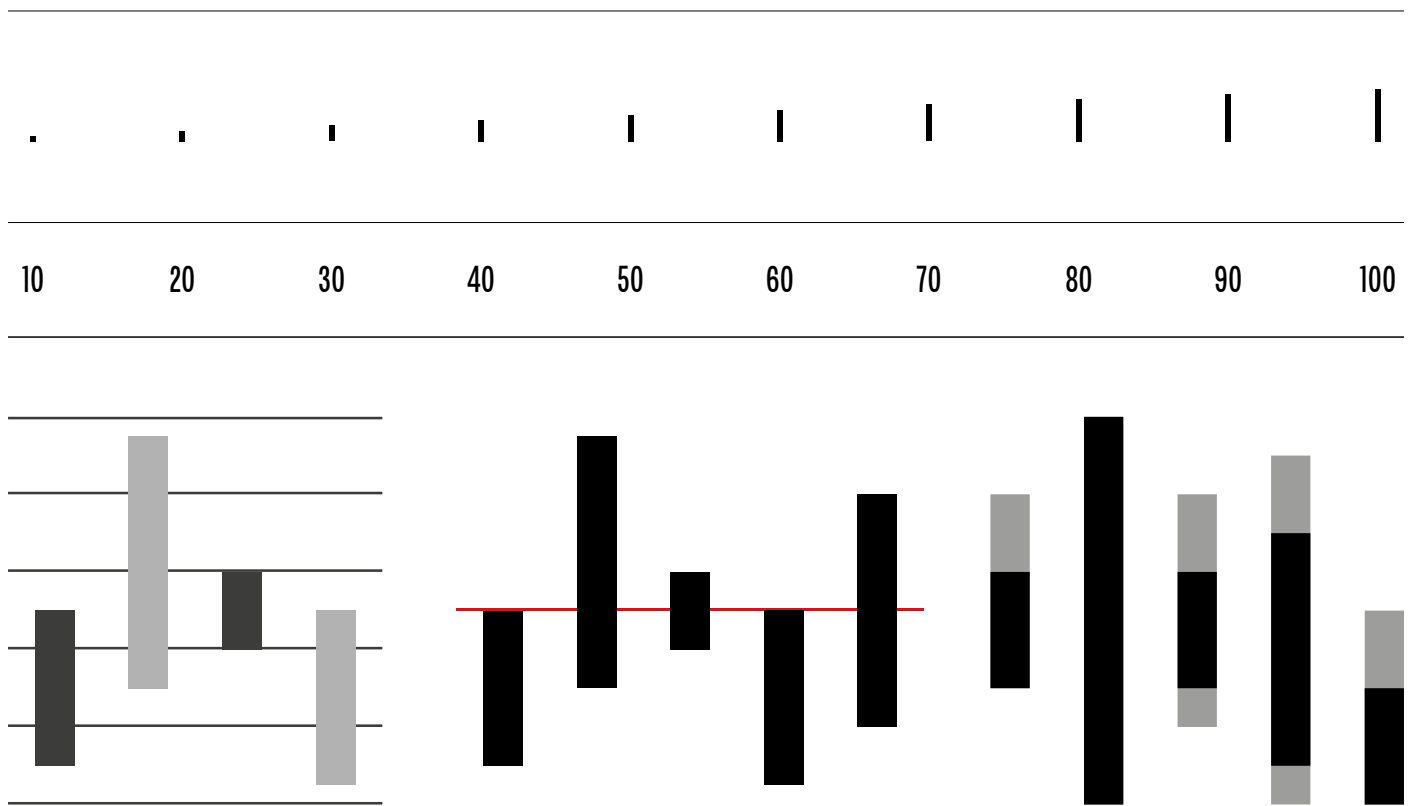
Use letters a–e to define the grid.



# FF Chartwell Floating Bars Vertical

The first value determines the distance from the baseline and the second determines the height of the graph.

By using the letter x in front of a value, you can define a horizontal line going through the certain value the x is combined with.

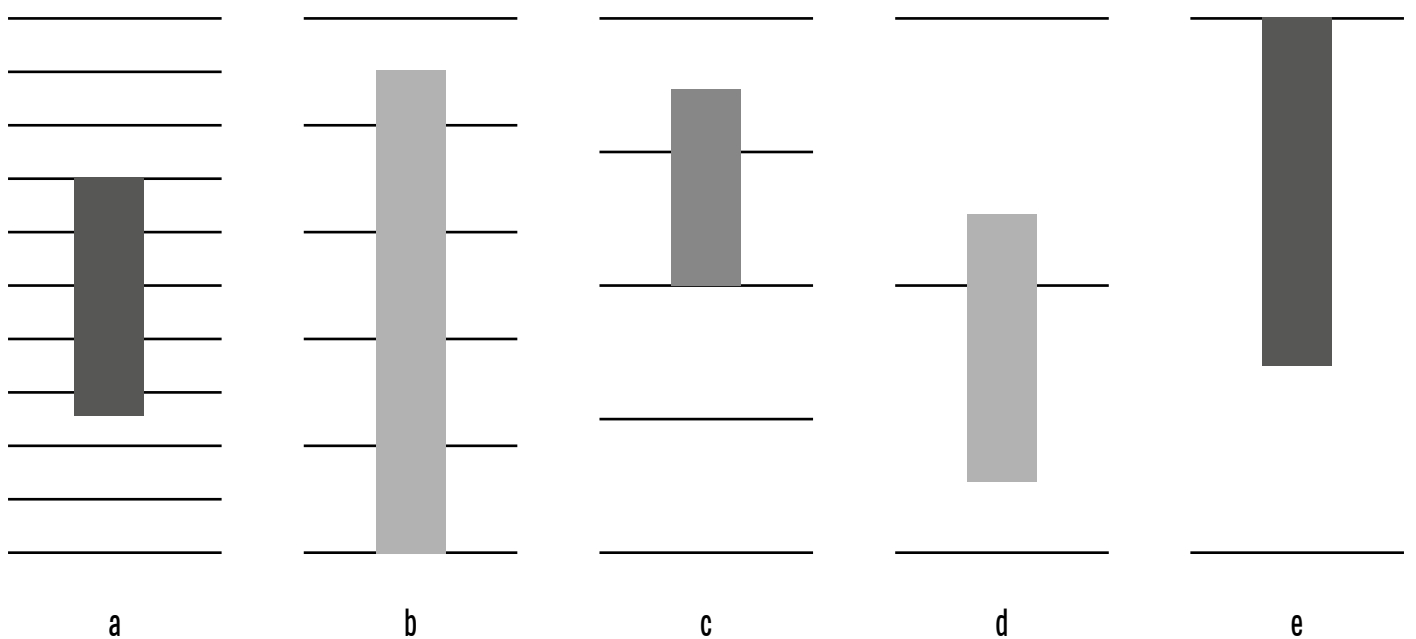


$$b+10,50+30,95+40,60+5,50$$

$$10,50+30,95+40,60+5,50+20,80+x50$$

$$30,60+0,100+60,30+10,70+30,80+0,100+20,80+0,90+50$$

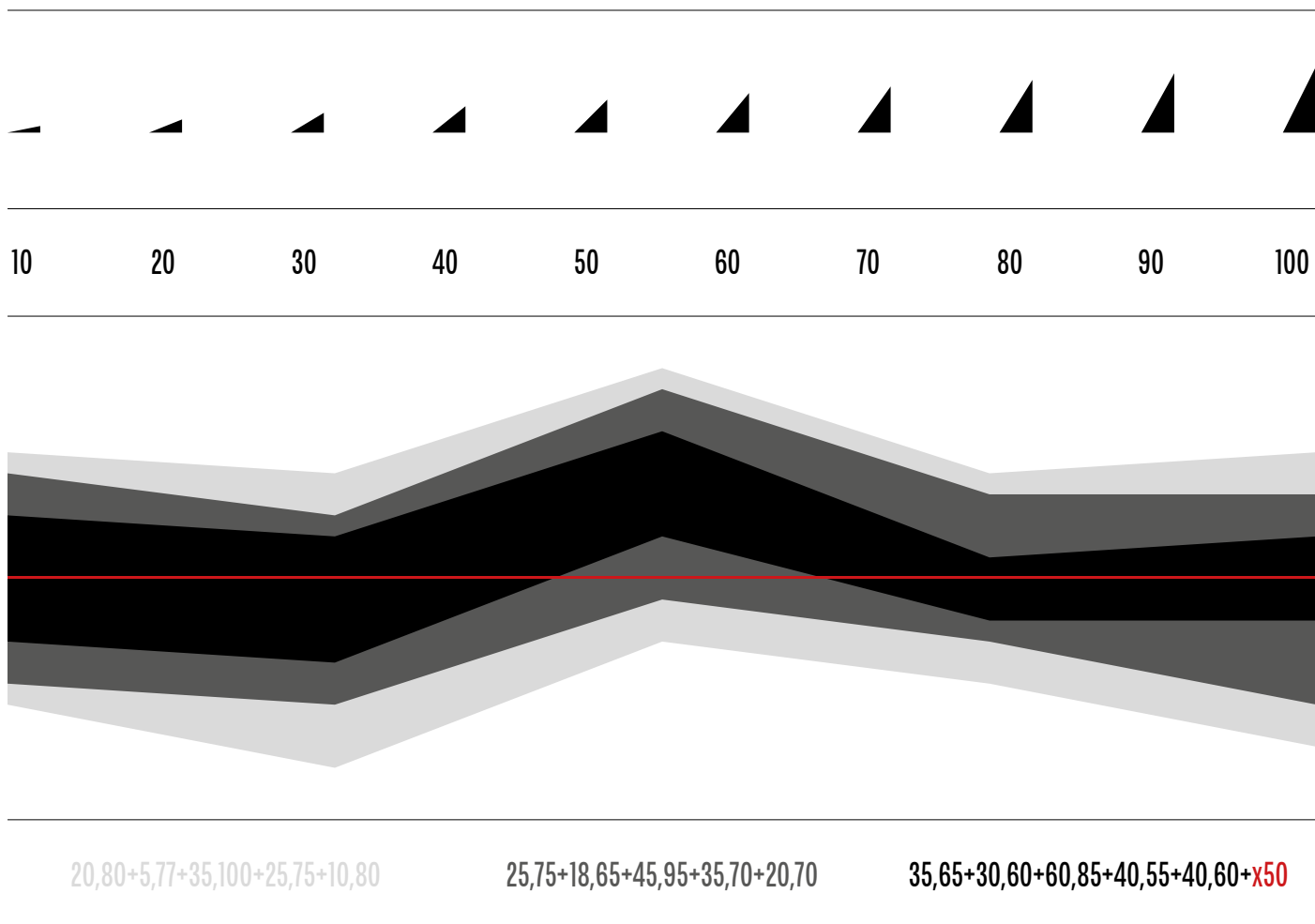
Use letters a–e to define the grid.



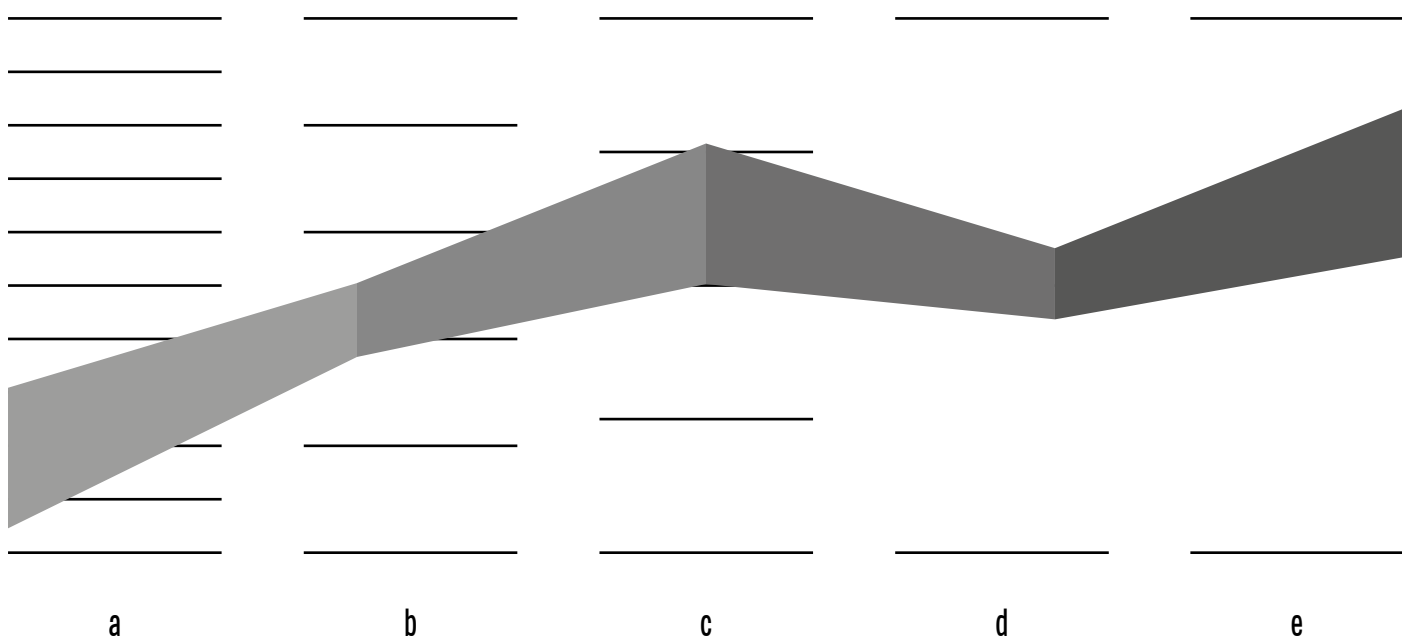
# FF Chartwell Floating Areas

The first value determines the distance from the baseline and the second determines the height of the graph.

By using the letter x in front of a value, you can define a horizontal line going through the certain value the x is combined with.

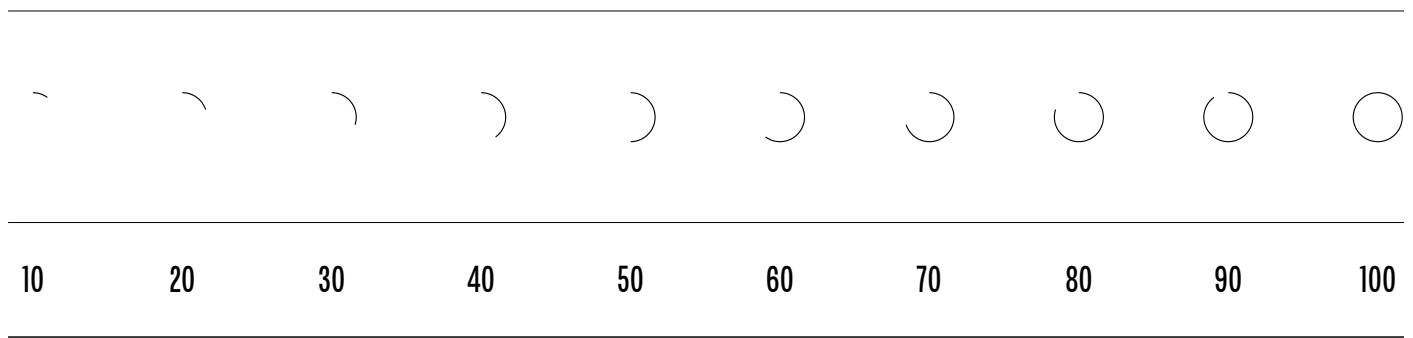


Use letters a–e to define the grid.



# FF Chartwell Floating Rings

The two comma-separated values determine the start and end percentage of the circumference for each ring.

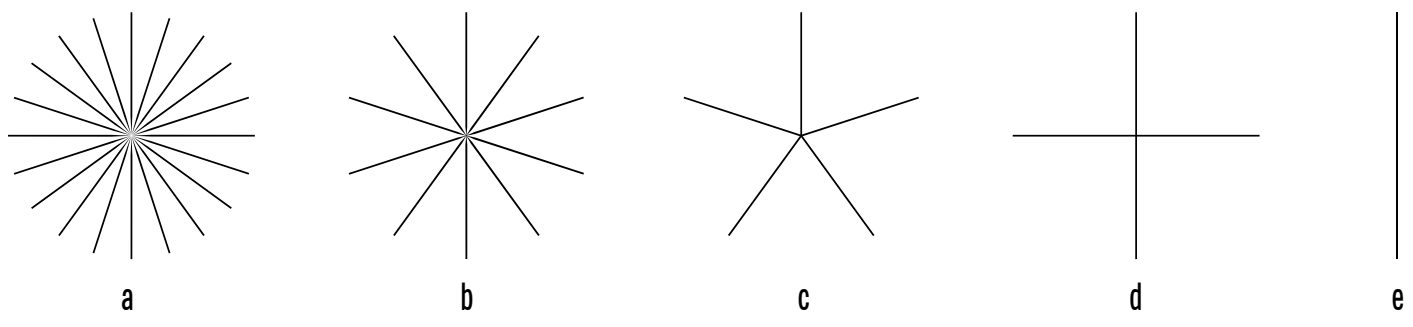


a+10,50+45,90+5,50+10,28+10,50

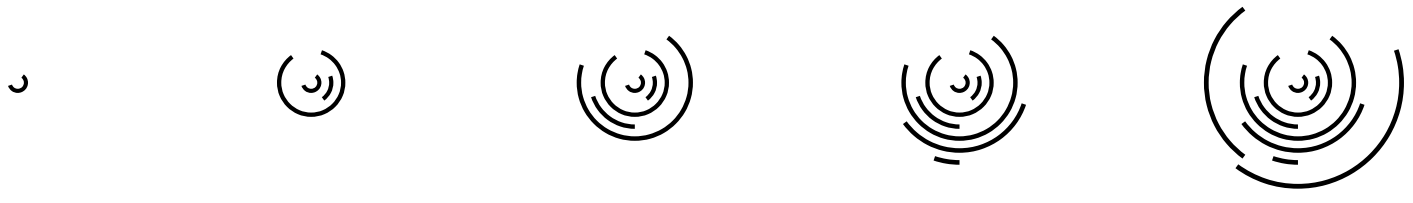
10,70+20,40+5,90+50,70+10,80+30,65+  
50,55+60,90+20,60+20,40

d+10,70+20,40+5,90+50,70+10,80

Use letters a–e to define the grid.



You can create up to ten rings.





# FF Chartwell Supporting Alphabet

A supporting alphabet is included in FF Chartwell.

It contains: extended Latin character set, basic numerals, alphabet and punctuation.

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ABCDEFGHIJKLMNO

PQRSTUVWXYZ

abcdefghijklmno

pqrstuvwxyz

ǺÆÇĤĖŁĐÑÕÜÝƆβ

âđèïðĥīñöøþÿ

0123456789<sup>1</sup>/<sub>4</sub><sup>1</sup>/<sub>2</sub>%

! ? & \$ ¥ @ ( ) [ ] { }

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