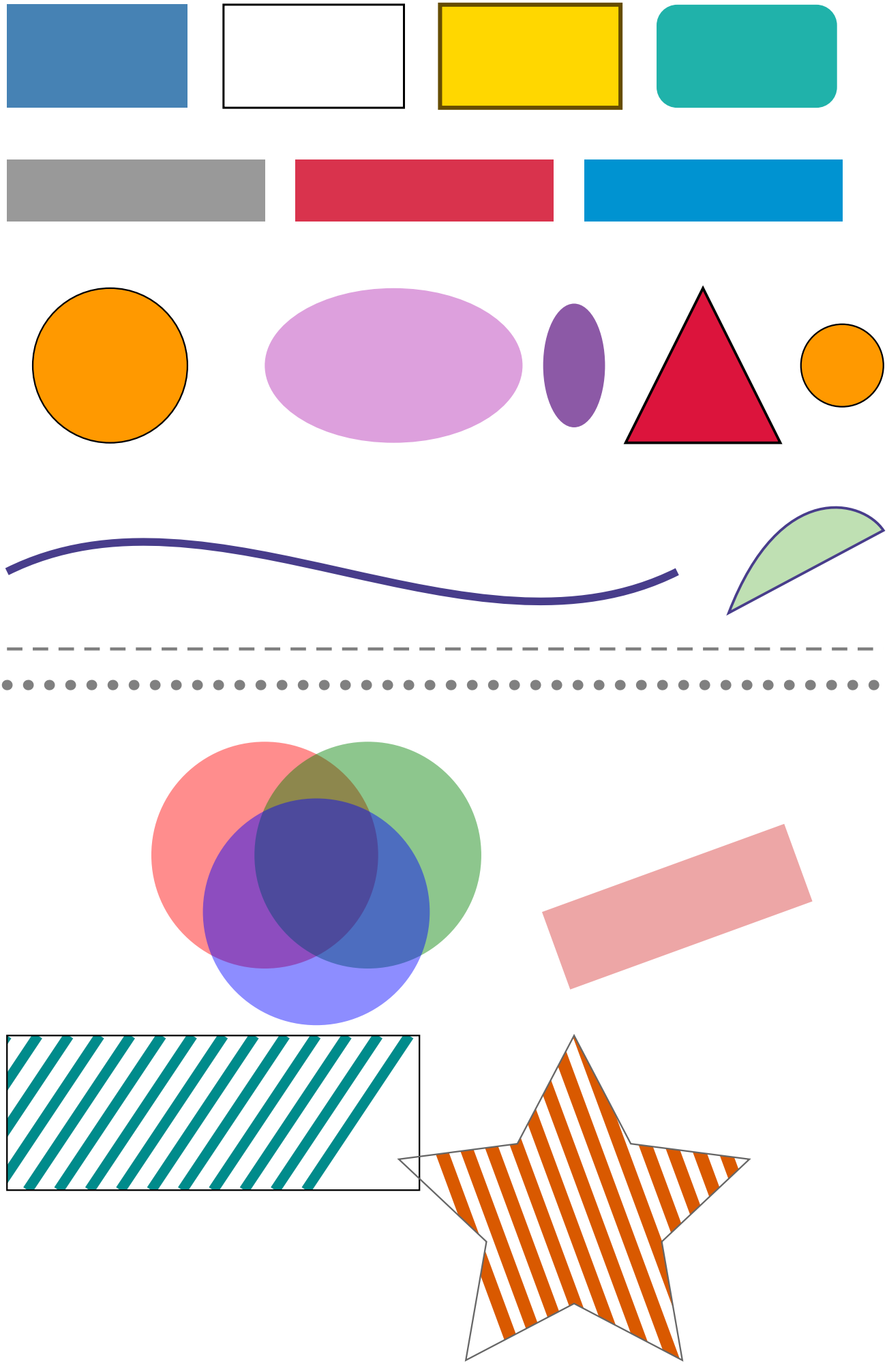
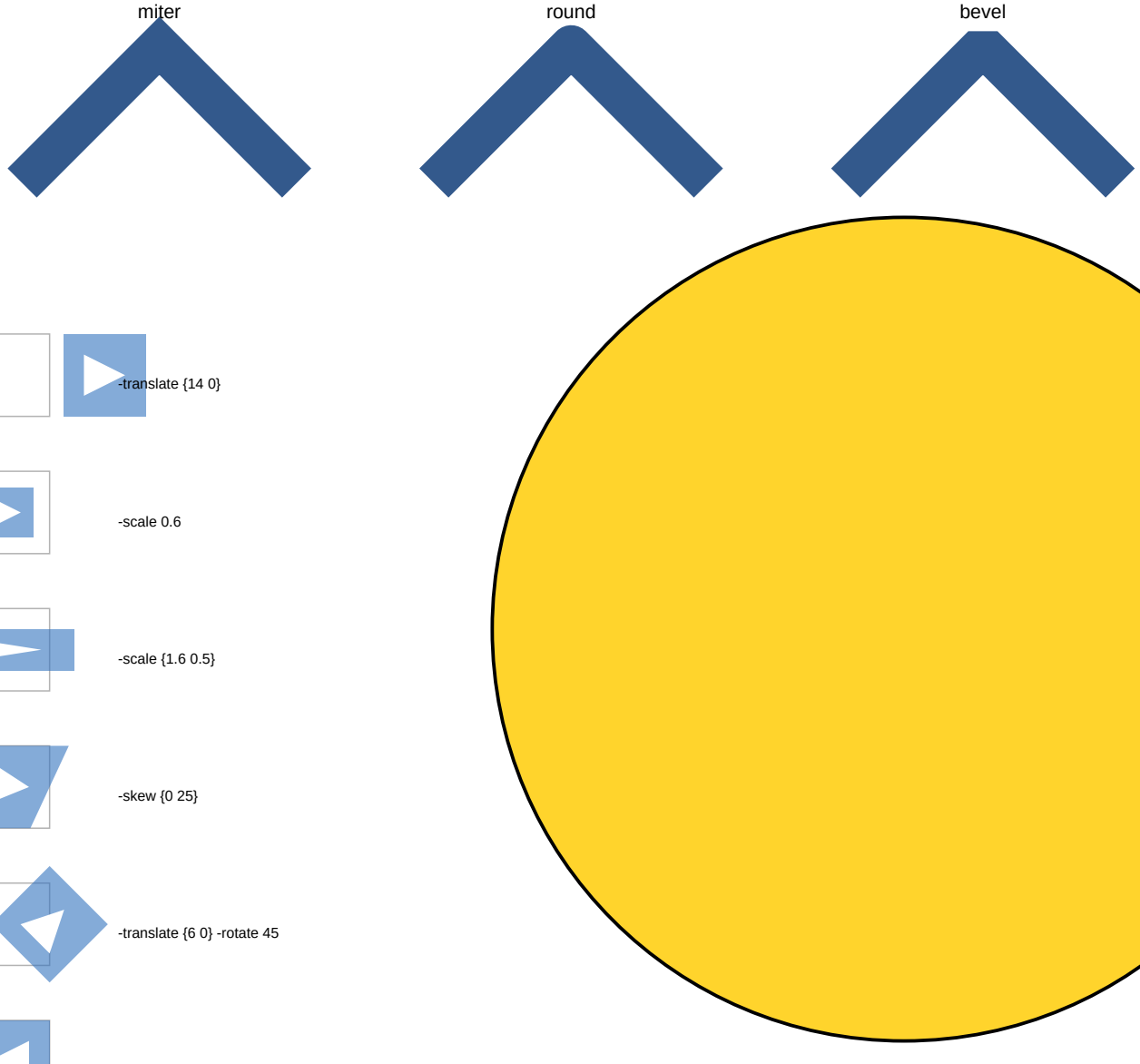
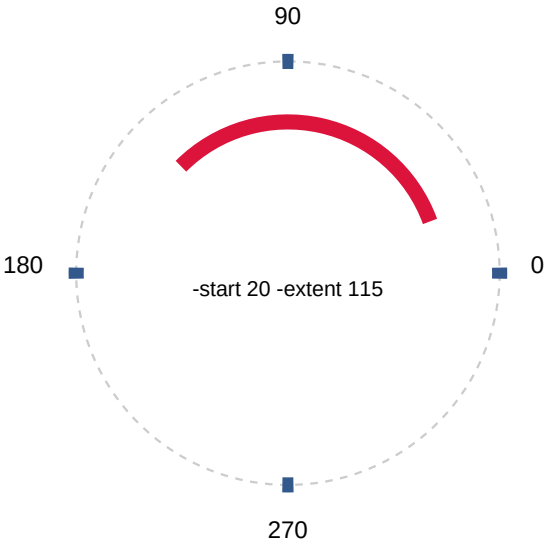


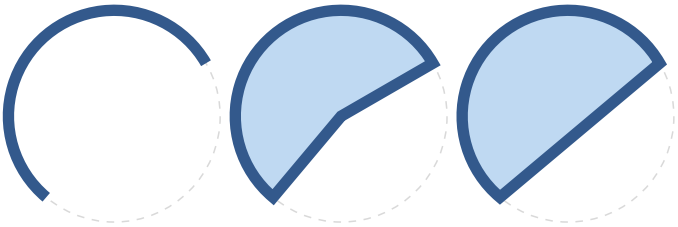

miter
round
bevel
closed
open
a curve segment, closed
-translate {14 0}
-scale 0.6
-scale {1.6 0.5}
-skew {0 25}
-translate {6 0} -rotate 45
-matrix (a mirror in x)
-rule nonzero
-rule evenodd
path -close 1
clip -rule evenodd
-cap butt
-cap round
-cap square
-join miter
-miter 1
-join round
-join bevel
-dash none / inherited from style -dash {2 1} / -dash solid

arc - a piece of a circle or an ellipse

The angles: 0 at three o'clock, counter-clockwise as the page is read.



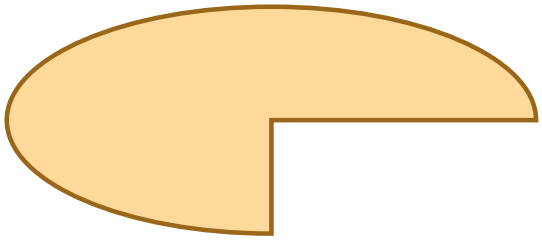
-style: what closes the shape



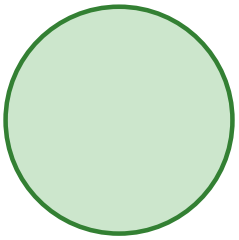
-style arc -style pieslice -style chord

-radius is a circular arc, -size {w h} an elliptical one - -at is the CENTRE of both.

-radius 20 -extent 270



-size {70 30} -extent 270



-extent 360, a whole turn - no spoke

What it is for: a gauge is two arcs, a pie chart is a handful.

40 / 25 / 20 / 15 %

The one refusal worth showing: an open arc has no inside to fill.

$doc arc -at {50 50} -radius 20 -extent 90 -style arc -fill red

tclpdf: -style arc takes no -fill - PDF closes an open path before filling it (8.5.3.1), so the result would silently be a chord; ask for -style chord or -style pieslice

-errorcode: TCLPDF SHAPE ARGUMENT fill