

Teile eines Winkels

Die wichtigsten Elemente sind :

S _____

s _____

a _____

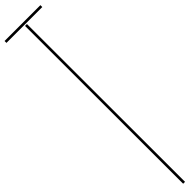
b _____

r _____

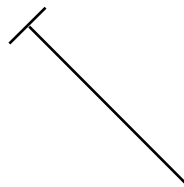


Winkelarten

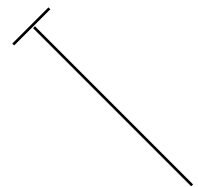
spitzer Winkel



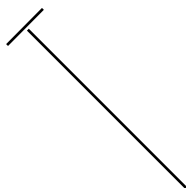
rechter Winkel



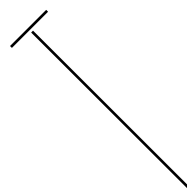
stumpfer Winkel



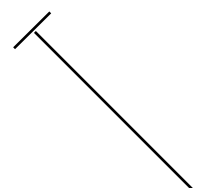
gestreckter Winkel



überstumpfer Winkel



voller Winkel



Teile eines Winkels

Die wichtigsten Elemente sind :

S Scheitelpunkt

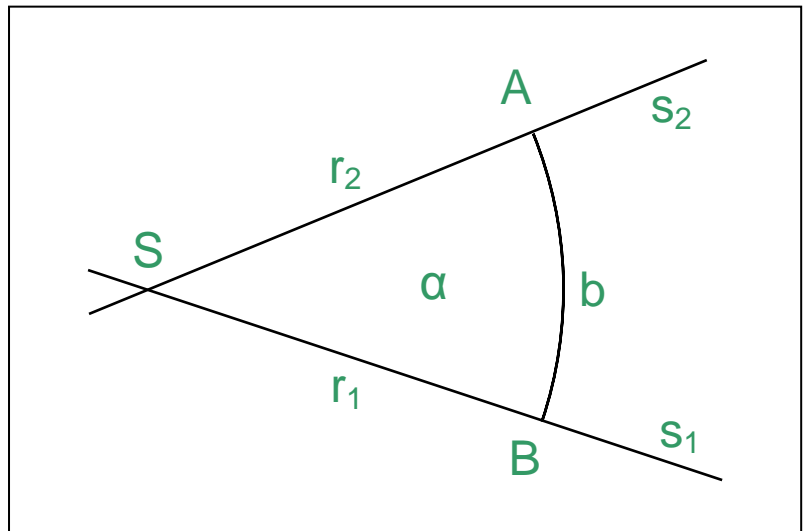
s Schenkel

α Winkel
(Öffnung der Schenkel)

b (Kreis-)Bogen

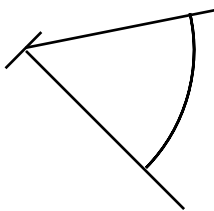
r (Kreis-)Radius

$$\angle \alpha = \angle ASB$$



Winkelarten

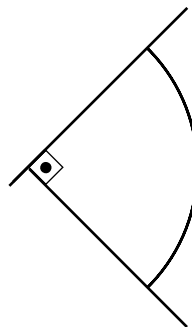
spitzer Winkel



$> 0^\circ$ und $< 90^\circ$

kleiner als Viertelskreis

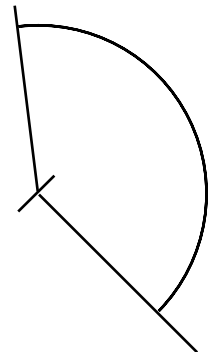
rechter Winkel



genau 90°

Viertelskreis

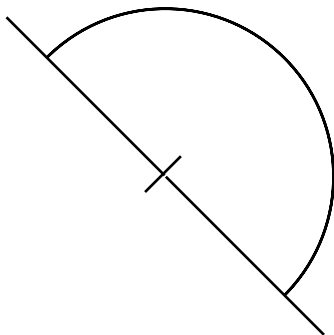
stumpfer Winkel



$> 90^\circ$ und $< 180^\circ$

zw. Viertels- & Halbkreis

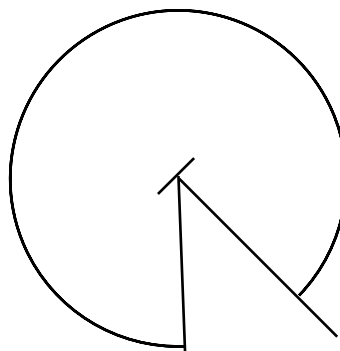
gestreckter Winkel



genau 180°

Halbkreis

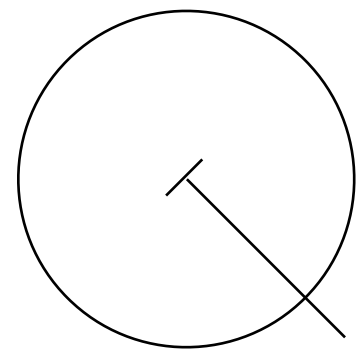
überstumpfer Winkel



$> 180^\circ$ und $< 360^\circ$

zw. Halb- & Vollkreis

voller Winkel



genau 360°

Vollkreis