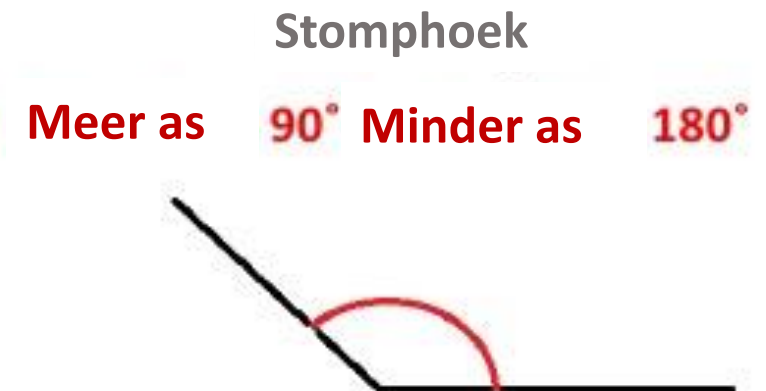
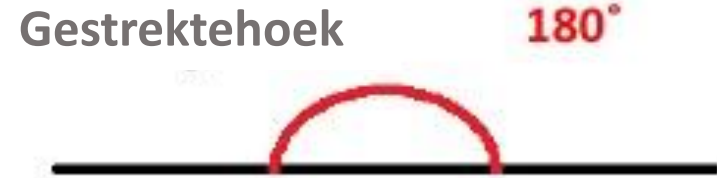


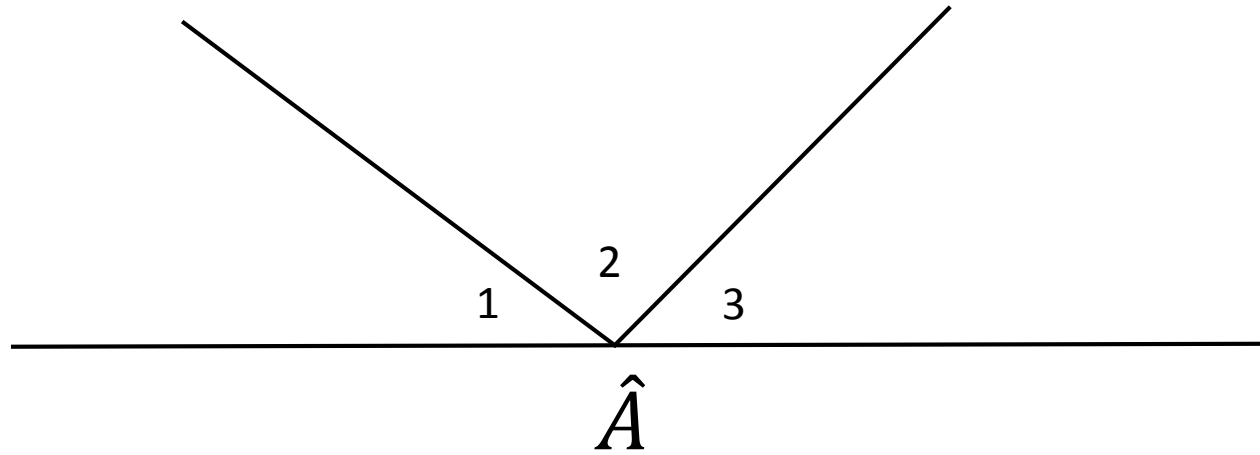
Lyne en hoeke

TIPES HOEKE



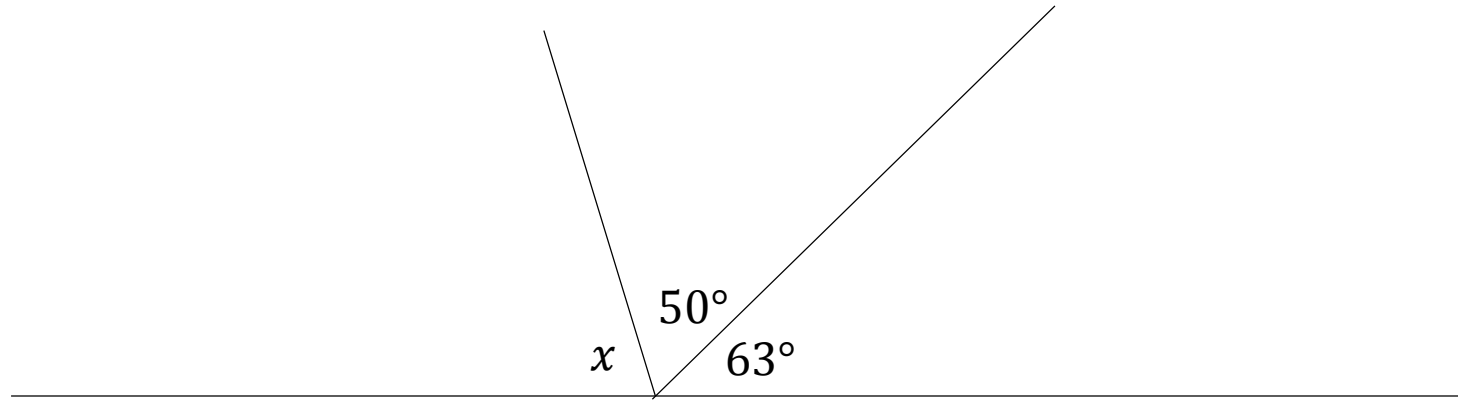
HOEKE OP 'n REGUITLYN

*Die som van die hoeke op n reguitlyn is saamgetel 180°
Hierdie hoeke word supplementêr genoem*



$$\hat{A}_1 + \hat{A}_2 + \hat{A}_3 = 180^\circ$$

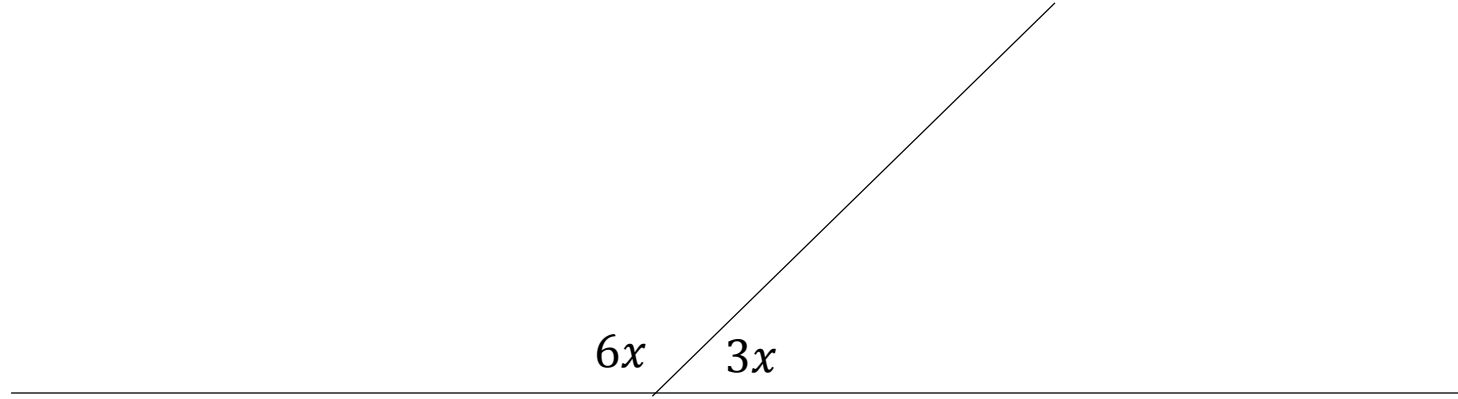
VB 1



BEWERING

REDE

VB 1

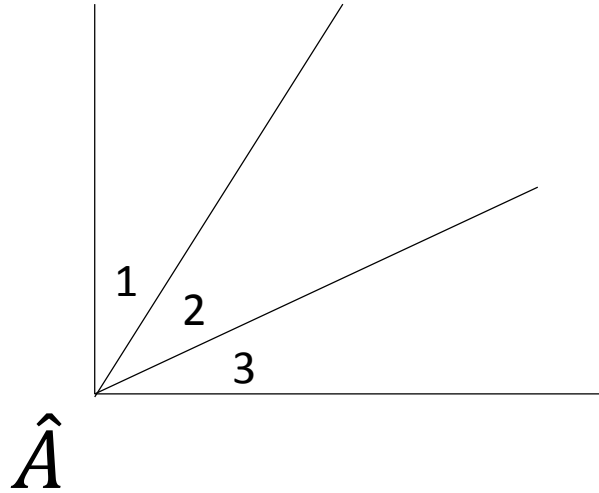


BEWERING

REDE

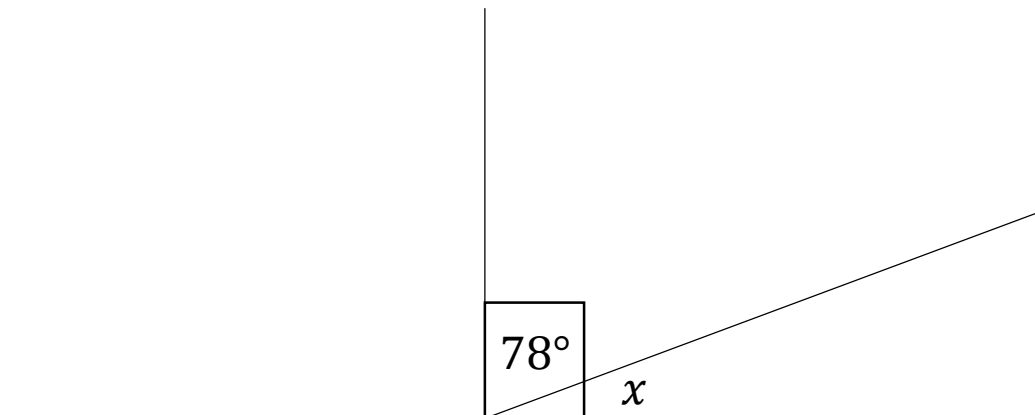
KOMPLIMENTERERE HOEKE

Die som van hierdie hoeke is saamgetel 90°



$$\hat{A}_1 + \hat{A}_2 + \hat{A}_3 = 90^\circ$$

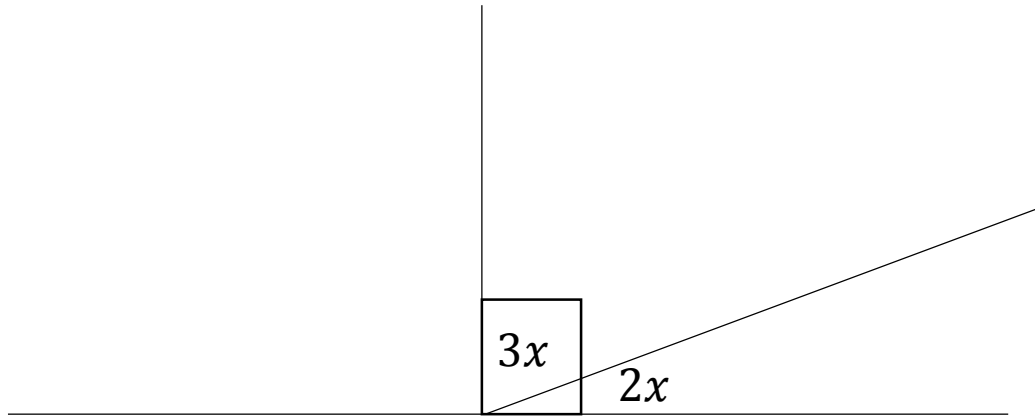
VB 2



BEWERING

REDE

VB 2

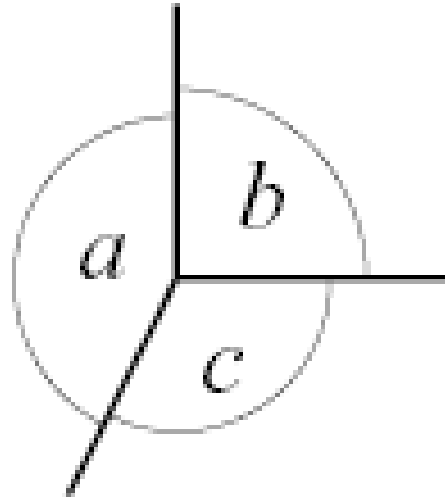


BEWERING

REDE

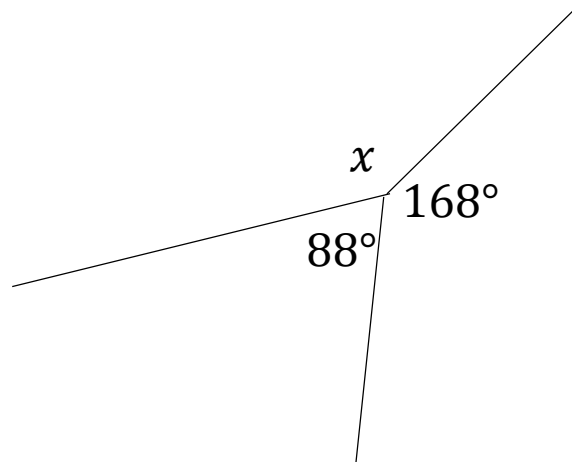
HOEKE OM 'N PUNT

Die som van hierdie hoeke is saamgetel 360°



$$a + b + c = 360^\circ$$

VB 3

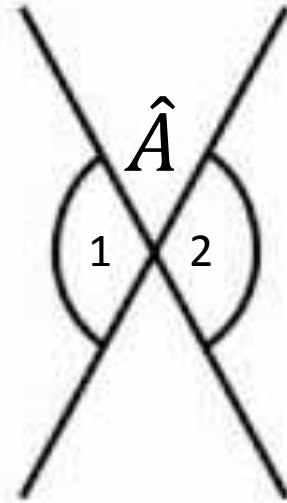
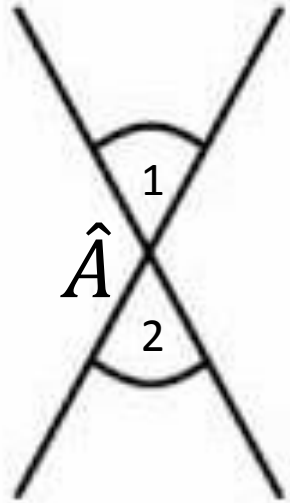


BEWERING

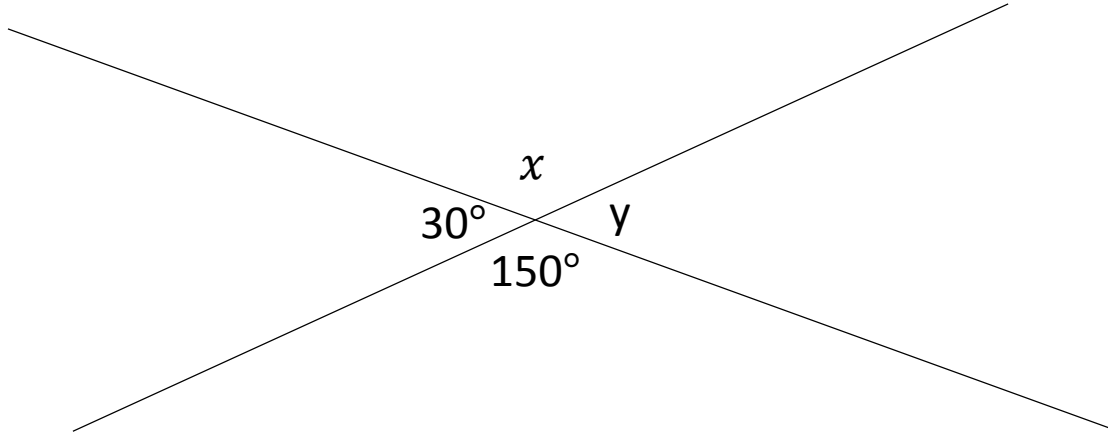
REDE

REGOORSTAANDE HOEKE

Hierdie hoek is gelyk



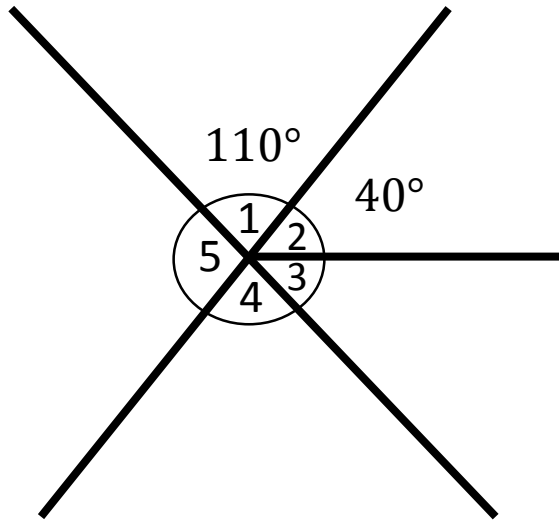
$$\hat{A}_1 = \hat{A}_2$$



BEWERING

REDE

Bereken \widehat{O}_3 \widehat{O}_5 en \widehat{O}_4



$$\widehat{O}_3 + 40^\circ + 110^\circ = 180$$

$$\widehat{O}_3 = 180 - 150^\circ$$

$$\widehat{O}_3 = 30^\circ$$

hoeke op reguitlyn

$$\widehat{O}_5 = \widehat{O}_2 + \widehat{O}_3$$

$$\widehat{O}_5 = 70^\circ$$

regoorstaande hoeke

*Kon ook hier hoeke op reguit lyn gebruik het.

$$\widehat{O}_4 = \widehat{O}_1$$

$$\widehat{O}_4 = 110^\circ$$

regoorstaande hoeke

*Kon ook hier hoeke om 'n punt gebruik het.