

Werkkaart 2015-8 AM-00004(1)

(1) Elk van die volgende bewerings is foutief. Korrigeer elke bewering deur dit reg oor te skryf:

(a) Ooreenkomstige hoeke is altyd gelyk.

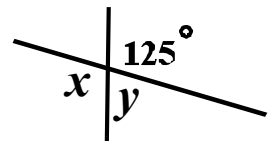
(b) 'n Gestrekte hoek is groter as 180° .

(c) 'n Omwenteling is dubbel so groot soos 'n regte hoek.

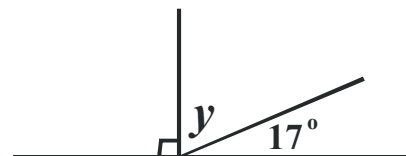
(2) Teken 'n skets om die volgende te verduidelik: ooreenkomstige hoeke, verwissellende hoeke en ko-binnehoeke.

(3) Bepaal die waarde(s) van x en/of y in elk van die volgende sketse. Gee volledige redes.

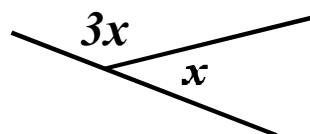
(a)



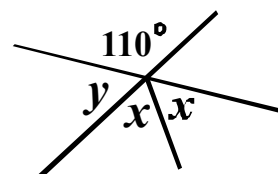
(b)



(c)

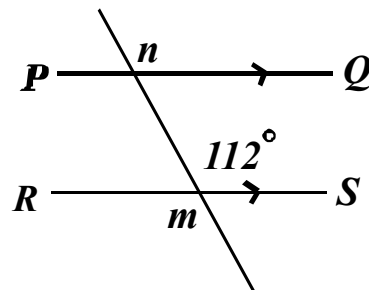


(d)

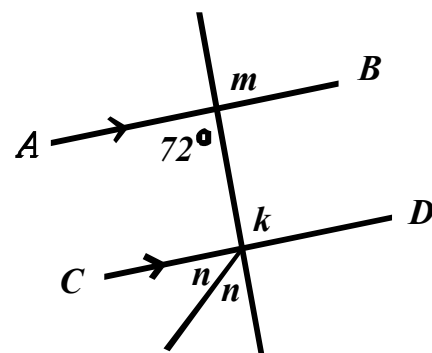


(4) Bepaal die waarde(s) van m , n en/of k in elk van die volgende sketse. Gee volledige redes.

(a)



(b)



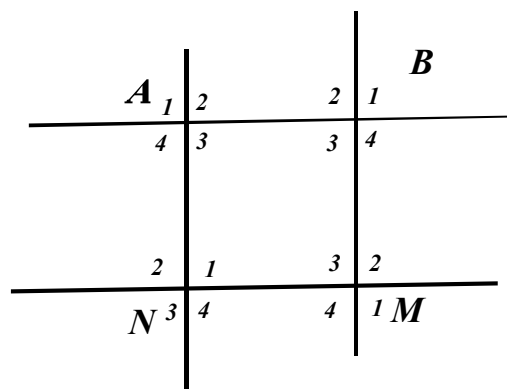
(5) In die skets is $AB \parallel NM$ en $AN \parallel BM$.

$$\widehat{BAN} = 92^\circ$$

Bereken, met redes. Toon alle stappe.

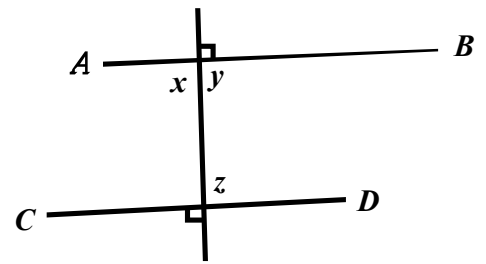
(a) $\widehat{B}_1$

(b) $\widehat{M}_1$



(6) Bewys dat $AB \parallel CD$ in elk van die volgende sketse. Toon alle berekeninge:

(a)



(b)

