

Werkkaart 2015-7 AL-00001(1) – Lyne en hoeke

(1) Voltooi die grootte(s) van die volgende tipes hoeke:

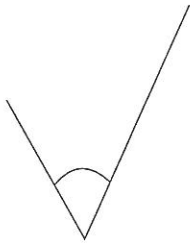
(a) Skerphoek: Tussen 0° en 90°

(b) Gestrekte hoek: 180°

(c) Omwenteling: 360°

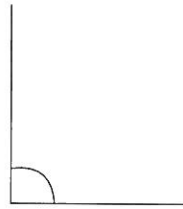
(2) Klassifiseer elk van die volgende hoeke sonder om dit te meet:

(a)



Skerphoek

(b)



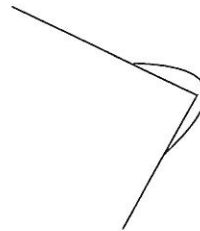
Regte hoek

(c)



Gestrekte hoek

(d)



Inspringende hoek

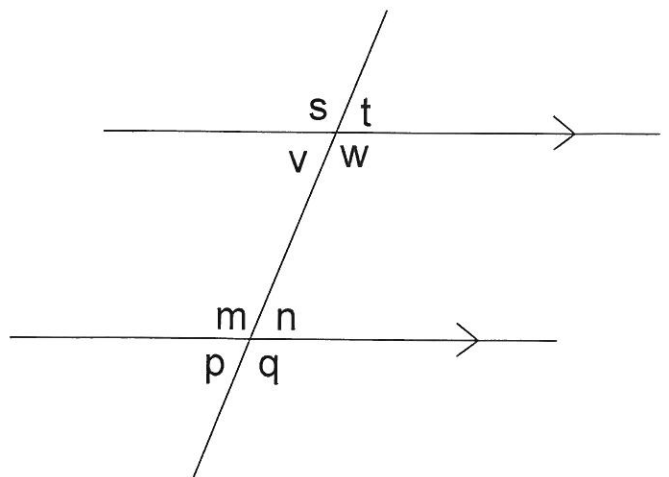
(3) Klassifiseer die volgende pare hoeke as:

- (i) ooreenkomstig
- (ii) verwisselend
- (iii) ko-binnehoeke

(a) s en m: ooreenkomstig

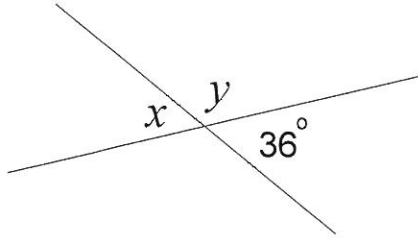
(b) w en n: ko-binnehoeke

(c) w en m: verwisselend



(4) Bereken die waarde(s) van x en/of y . Gee volledige redes.

(a)



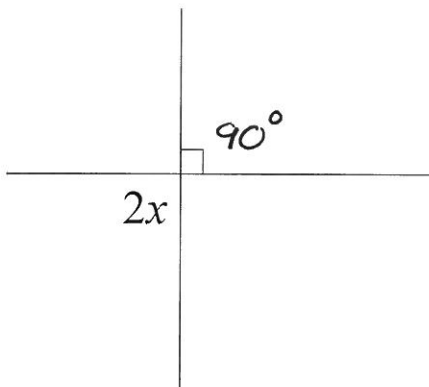
$$x = 36^\circ \quad [\text{regoorstaande } \angle^e]$$

$$y + 36^\circ = 180^\circ \quad [\text{aangrensende } \angle^e \text{ op reguitlyn}]$$

$$\therefore y = 180^\circ - 36^\circ$$

$$\therefore y = 144^\circ$$

(b)



$$2x = 90^\circ \quad [\text{regoorstaande } \angle^e]$$

$$\therefore \frac{2x}{2} = \frac{90^\circ}{2}$$

$$\therefore x = 45^\circ$$