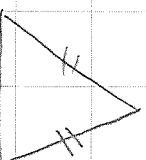


H3.1 Begrippen blz 117

H3.2 letter (x, y, z)

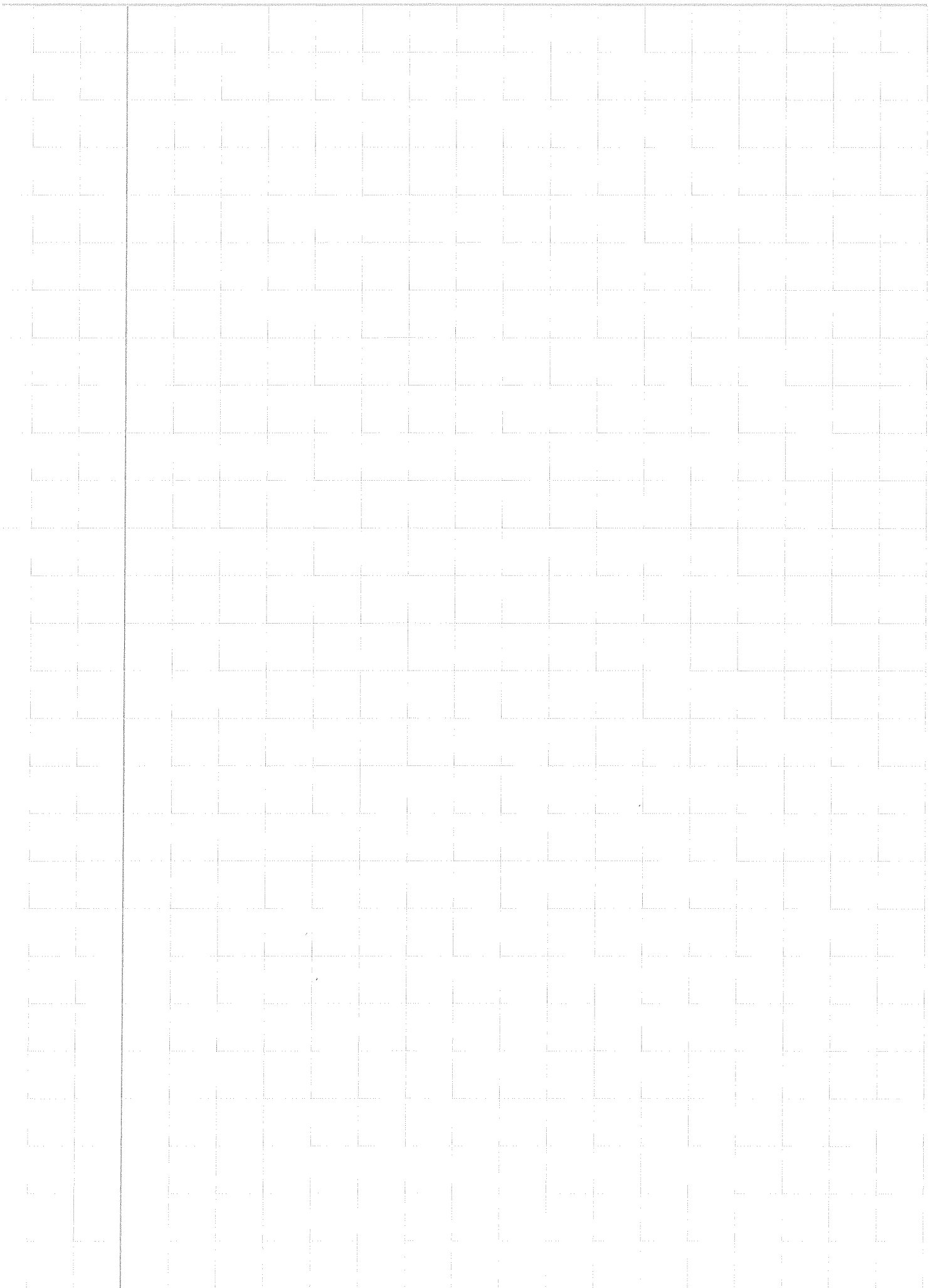
H3.3 Symmetrie = dubbelvouden en het past op elkaar →

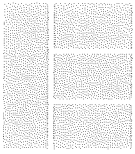


Gelijkvormigheid

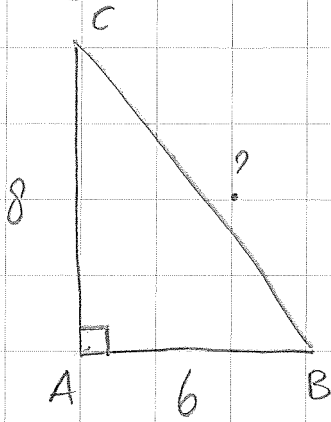
Klein	ΔTSR	$TS = 3,8$	$TK = 2,25$	$SK = 1,55$	$\xrightarrow{\times 2}$ $\xrightarrow{: 2}$
Grote	ΔPQR	$PQ = 7,6$	$QR = 4,5$	$PR = 3,1$	

- ① Maak een schema met de letters
let op tekens in de hoeken Die bij
elkaar horen.
- ② Vul de cm in.
- ③ Zoek in het schema de 2 cm
die boven elkaar staan
- ④ Dit is de deel/keersom
Reken de 2 onbekende uit





H3.3 Pythagoras



k^2	6^2	36
k^2	8^2	64
L^2		100

↙ ↘
√

$$BC = \sqrt{100} = 10 \text{ m}$$

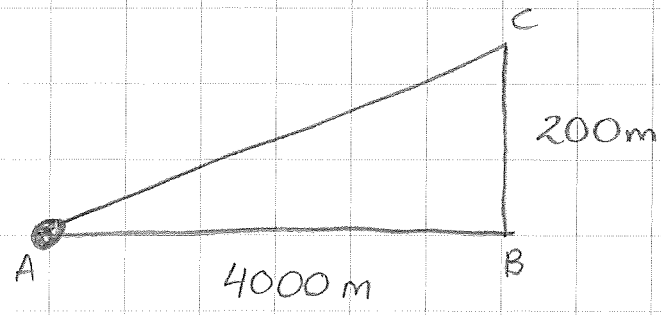
H3.4 Hellingpercentage = alleen maar TANGENS

$$\tan \left(\frac{o}{a} \right)$$

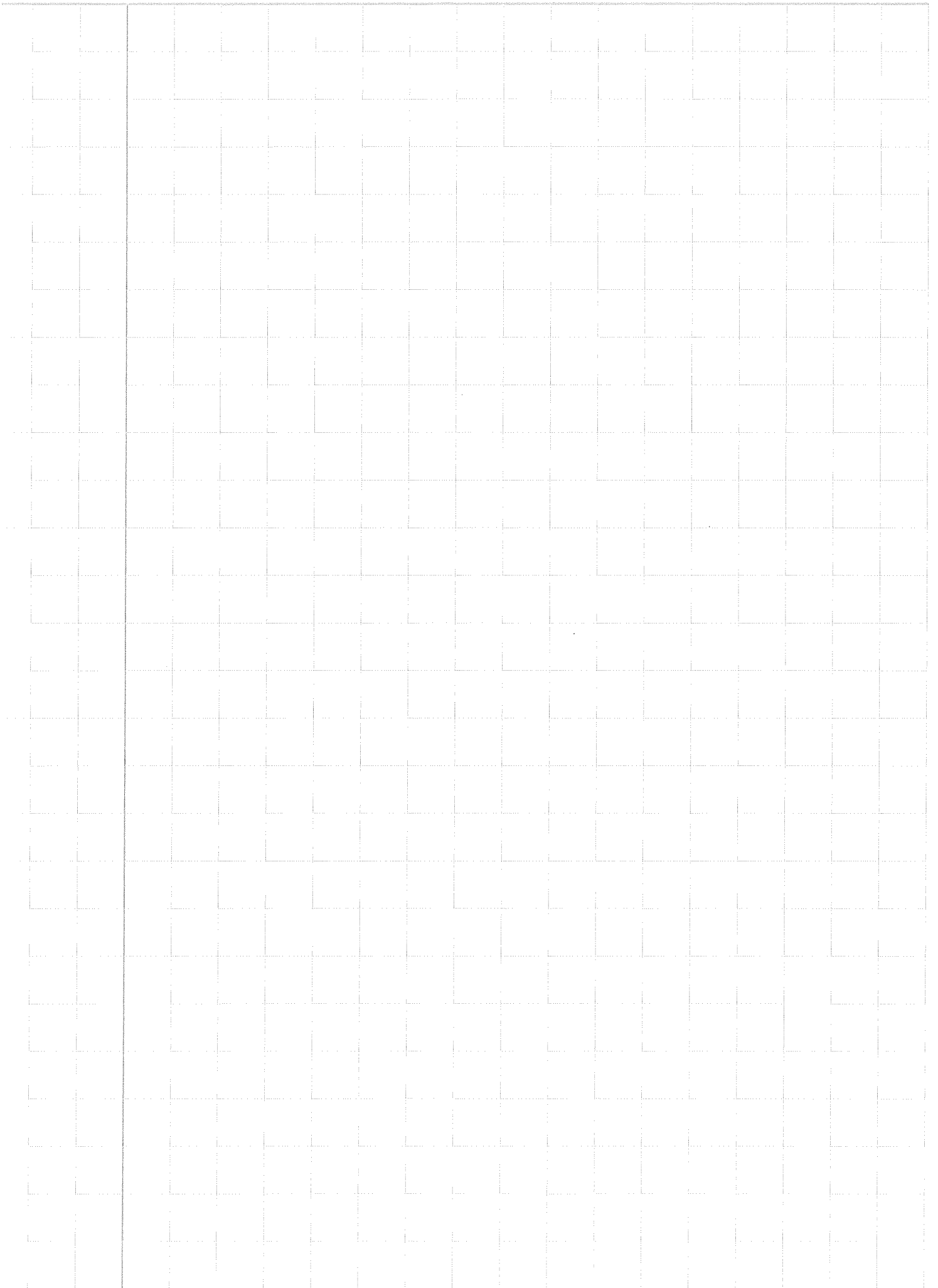
↑ alleen dit gebruiken

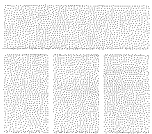
$$\frac{o}{a} \times 100 = \text{hellingpercentage}$$

VARIANT 1



$$\frac{200}{4000} \times 100 = 5\%$$





% $\xrightarrow{\quad}$ Gradan
 $\tan^{-1}(\% = 100)$

$$vb = 16\% \xrightarrow{\quad} \tan^{-1}(16:100) = 9,09 \rightarrow 9^\circ$$

Nu je de graden hebt is
SOS - CAS - TOA toe
te passen in de opdracht

H35 GONIOMETRIE (SOS - CAS - TOA)

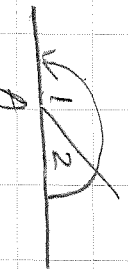
$$3 = \frac{6}{2}$$

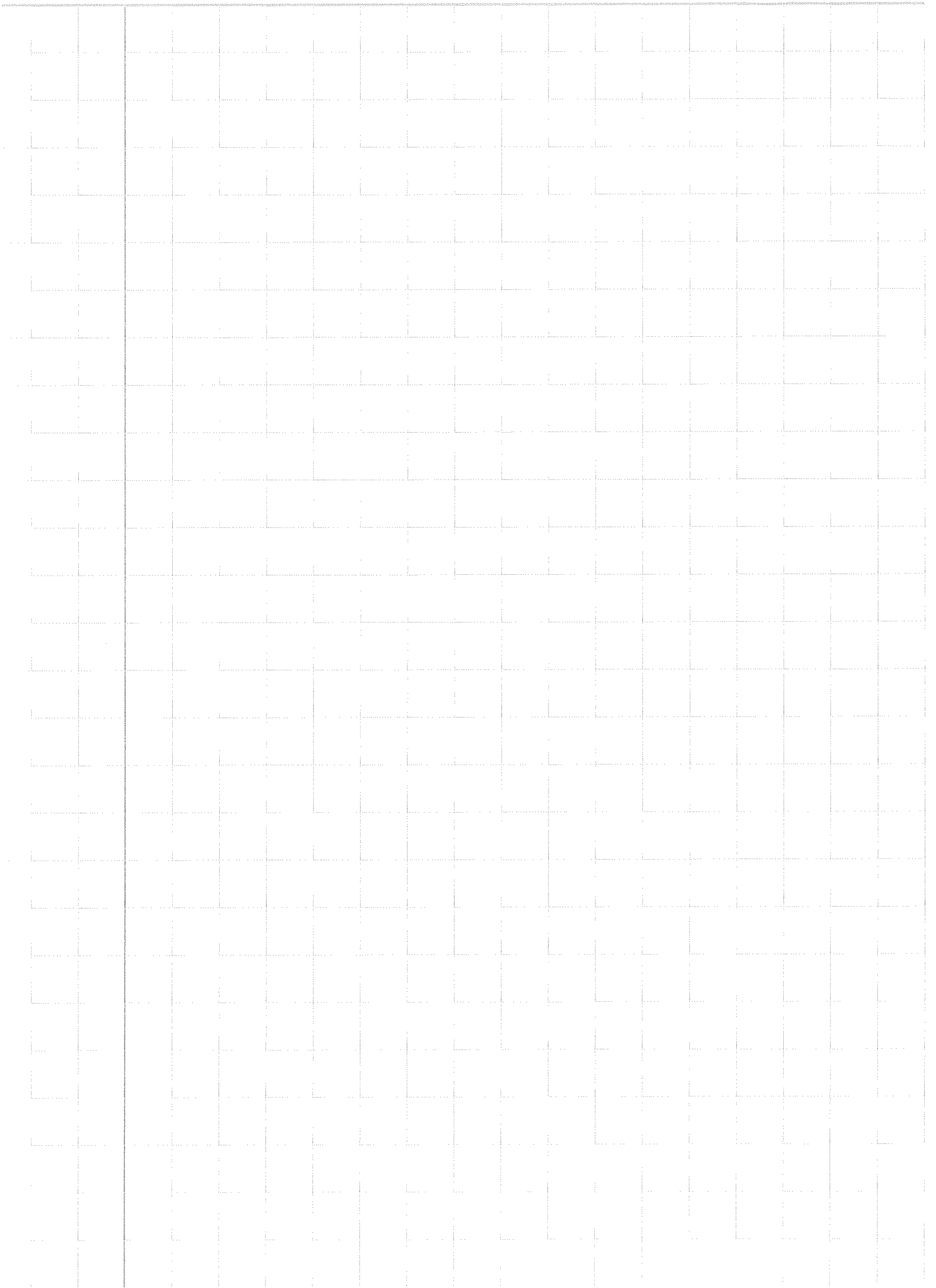
$$\Delta = 180^\circ$$

$$\square = 360^\circ$$

$$\circ = 360^\circ$$

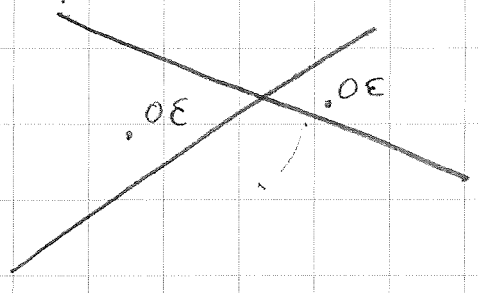
$$A_1 + A_2 = 180^\circ$$







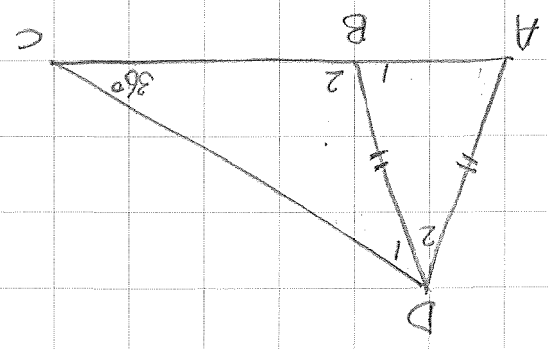
overstaande hoeken zijn even groot



tip = heb je een hoek uitgeroemd? zet deze dan in de teloning ud opdracht

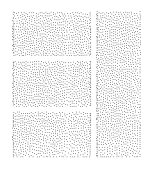
$$\begin{aligned} \angle B_2 &= 180 - 36 - 42 = 102^\circ \\ \angle B_1 &= 180 - 102 = 78^\circ \\ \angle B_1 &= \angle A = 78^\circ \rightarrow \text{gelijkbenig} \\ \angle D_2 &= 180 - 78 - 78 = 24^\circ \end{aligned}$$

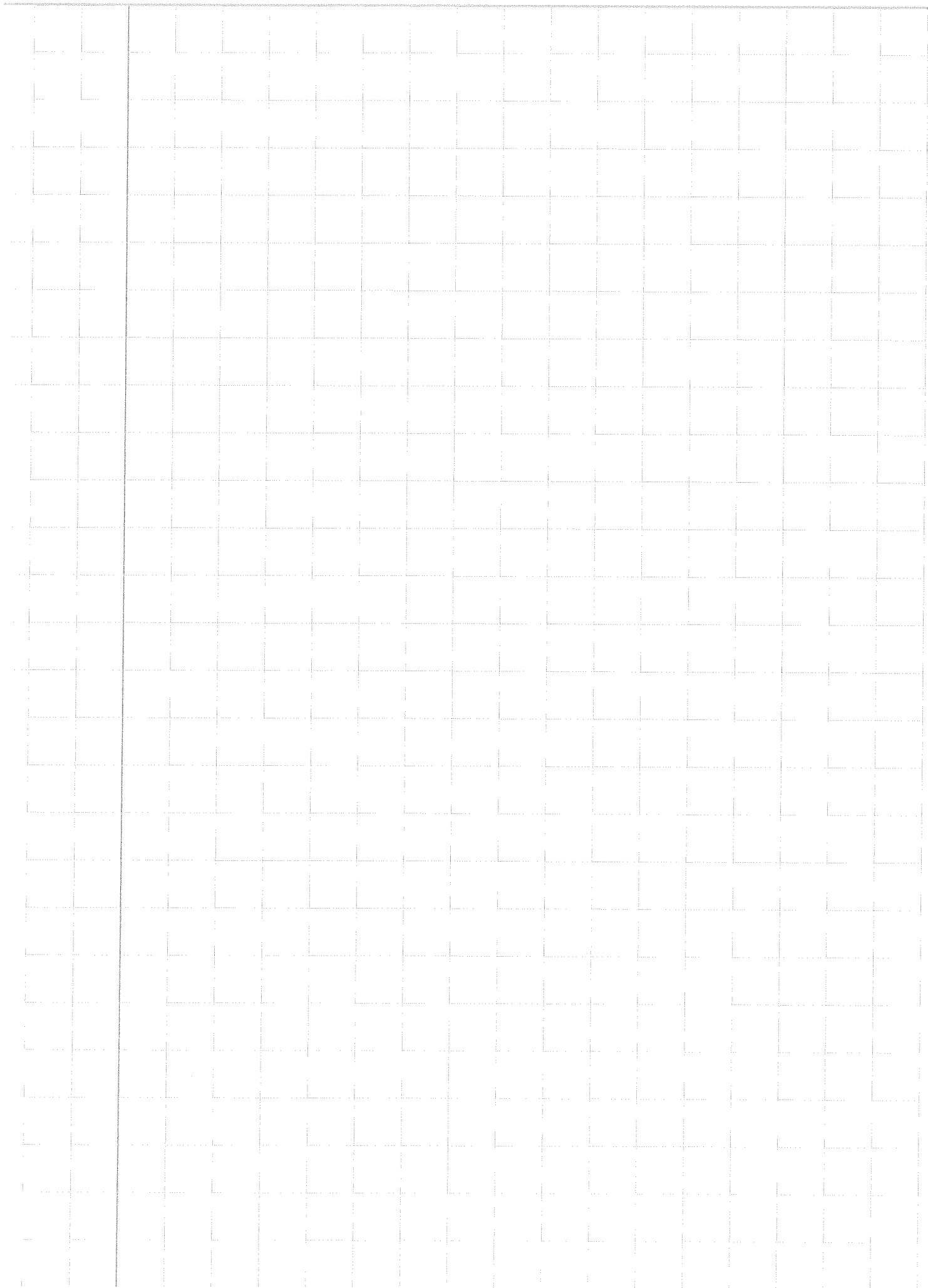
b12 147 test opgave

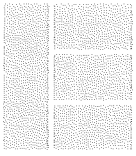


Cijfer: _____

Naam: _____
 Vak: _____
 Datum: _____
 Klas: _____







Pythagoras . in de Ruimte

① zoek lengte + breedte + hoogte

② $\sqrt{L^2 + b^2 + h^2}$

