

1 a Noord-West is de keers.

b Zie onder

c De koershoek is ongeveer 12° vanuit Frankfurt

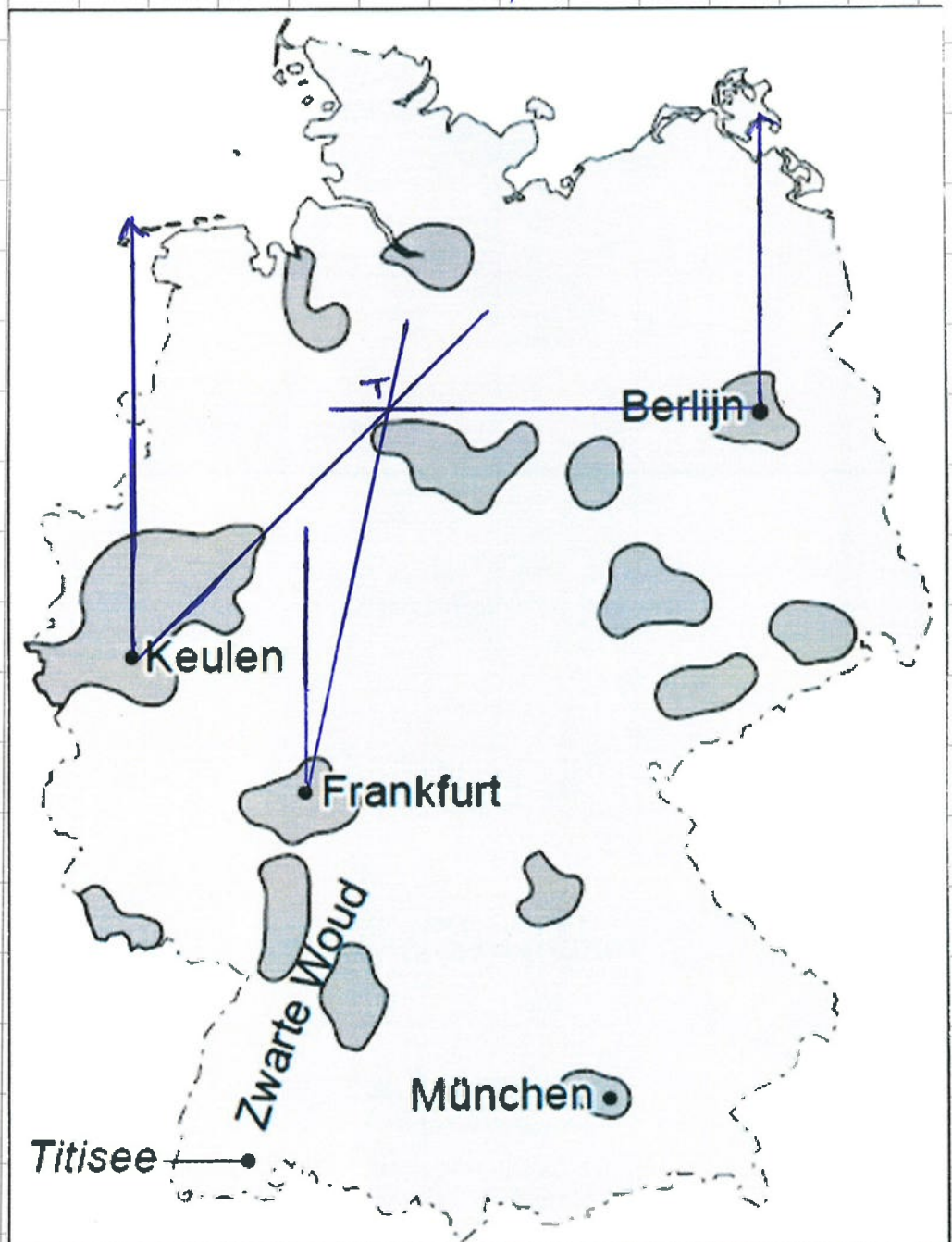
d $1 \text{ cm} \hat{=} 30 \text{ km}$

$$\text{Afstand} = 5,7 \times 30 = 171 \text{ km.}$$

$$\frac{250 \text{ km}}{60 \text{ min.}} \quad \frac{171 \text{ km}}{?}$$

Het duurt

$$171 \times 60 : 250 \approx 41 \text{ min.}$$



Legenda:

1 : 3 000 000

2 a $E(6, 0, 4)$ $G(0, 8, 4)$
 b $P(6, 3, 0)$ $R(6, 6, 4)$

c BC

d Cp GH.

e

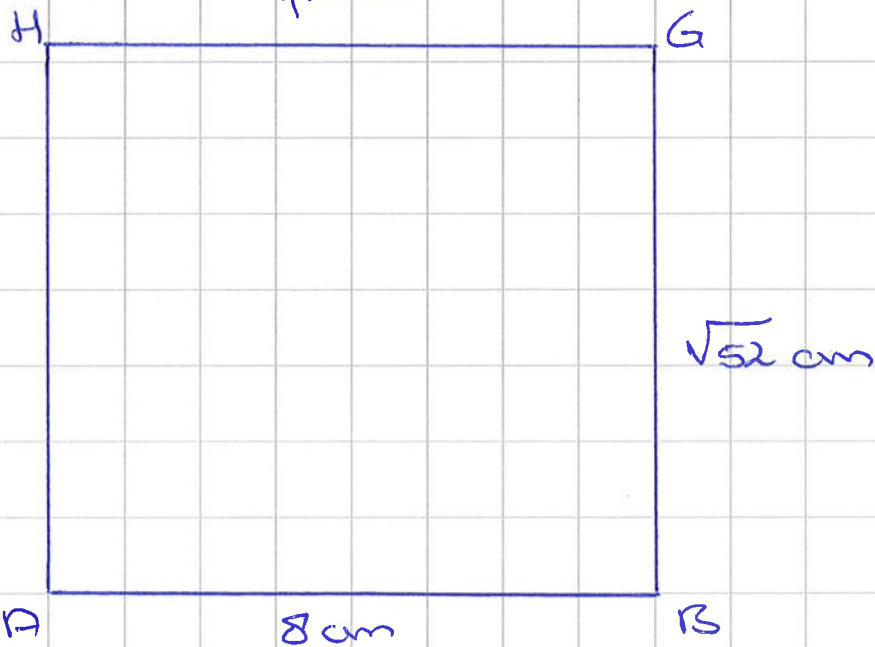
zyde	kwadraat
BC = 6	36
CG = 4	16
BG =	52

BC = 6 36

CG = 4 16

BG = 52

BG = $\sqrt{52} \approx 7,2 \text{ cm}$



8

$E \xrightarrow{6} H \xrightarrow{8} G \xrightarrow{2} Q$

zyde	kwadraat
EH = 6	36
HG = 8	64
GQ = 2	4
EQ =	104

EH = 6 36

HG = 8 64

GQ = 2 4

EQ = 104

EQ = $\sqrt{104} \approx 10,2 \text{ cm}$

3

$$\frac{220 \text{ km}}{60 \text{ min}} \quad \Bigg| \quad \frac{150 \text{ km}}{1}$$

Het duurt ongeveer $150 \times 60 : 220 \approx 41$ min.

4

$$\frac{750 \text{ km}}{1 \text{ uur}} \quad \Bigg| \quad \frac{5978 \text{ km}}{1}$$

Het duurt ongeveer $5978 \times 1 : 750 \approx 8$ uur.