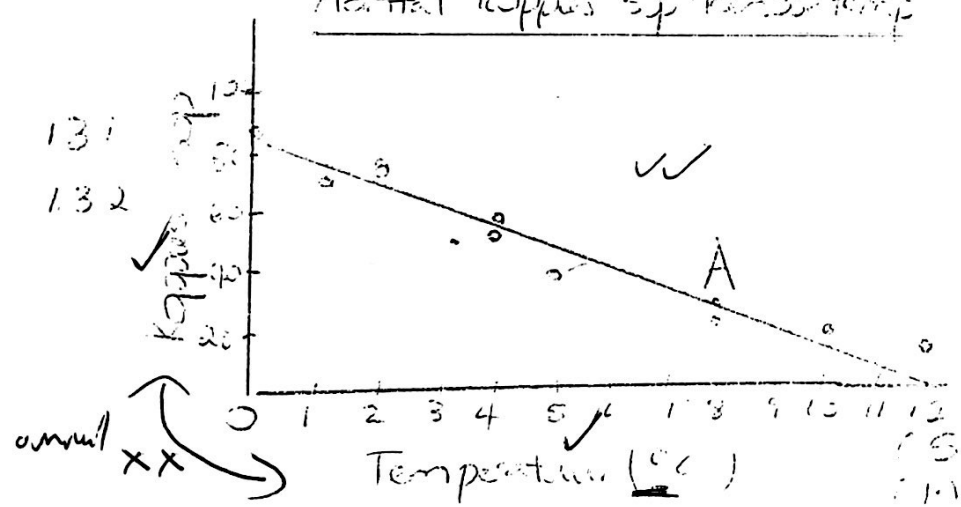


Memorandum gravit NOV 2016

- 111 histogram ✓ (1)
- 112 160 - 169 ✓ (1)
- 113 $\frac{8}{27} \times \frac{100}{1} = 27,599\%$ ✓ (2)
- 121 $\frac{98}{16} = 6$ ✓ (2)
- 122 6 ✓ (1)
- 123 9 - 3 = 6 ✓ (1)
- 124 3 4 5 6 6 6 6 7 8 8 8 9 ✓ (1)

- Antar ✓
- Interval ✓
- $\frac{8}{27}$ ✓ 27,599% ✓
- $\frac{98}{16}$ ✓
- Antar ✓
- Antar ✓
- Antar ✓
- Antar ✓

Horizontal kuppas sp. Trans. Temp ✓



- x-axis y-axis
- spesifik
- di panti koral
- 10 foot
- praktis

- 133 negatif (1)
- 134 A sp grafik (1)
- 141 108° (1)
- 142 $\frac{48}{360} \times \frac{100}{1} = 13,33\%$ (1)
- 143 $\frac{30}{1} \times \frac{60}{360}$ 5 mm slegs antu (1)
- 144 $15 \times \frac{100}{60} = 25$ loaders (2)

- negatif
- A sp grafik
- 108°
- 13,33%
- 5
- 25

2.11. $V = \pi r^2 H$ ✓ ↳ Verkied ihsitel MF
 $= \pi (8)^2 80$ ✓
 $= 16084,96 \text{ m}^3$ ✓ ($\pi = \frac{22}{7}$) (16071,43) (3)

formule ✓
 subst ✓
 antw ✓

2.12 $BO = 2\pi rH + \pi r^2$ ✓ ② velen 1 punt $\frac{2}{3}$
 $= 2\pi (8)(80) + \pi (8)^2$ ✓ → 442336
 $= 4222,30 \text{ m}^2$ ✓ ($\pi = \frac{22}{7}$) (4224) (3)

formule ✓
 subst ✓
 antw ✓

2.2. $a^2 = 15^2 - 9^2$ (Pyth.) ✓ Stuyl net ikeer.
 $a = 12$ ✓
 $y^2 = 8^2 + 12^2$ (Pyth.) ✓
 $y = 14,42$ ✓ (14)

Stelling ✓
 antw ✓
 Stelling ✓
 antw ✓

2.31 $T = \frac{A}{S}$
 $= \frac{45}{80}$ ✓ = 0,5625 uur ✓
 $= 34 \text{ min}$ ✓ (3)

subst ✓
 antw ✓

2.32 $S = \frac{A}{t}$
 $= \frac{45}{60}$ ✓ = 55,1 km/h ✓
 ~~$\frac{45}{60}$~~ (3)

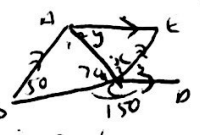
tijd ($\frac{231}{34} + 15$) ✓ MF
 in uur ✓
 antw ✓

23.1
 +15min

[16]

31. $a = 110^\circ$ (verw. \angle $CD \parallel EF$) ✓
 $b = 75^\circ$ (\angle op reguit lyn) ✓
 $c = 75^\circ$ (verw. \angle $AB \parallel EF$) ✓
 OF (ko-binnre \angle $AB \parallel EF$) (3)

S+R ✓
 S+R ✓
 S+R ✓



32.1. $x = 63^\circ$ (ko-binnre \angle $AB \parallel EC$) ✓
 32.2. $y = 40^\circ$ (ko-binnre \angle $AB \parallel EC$) ook omliggendelyng

S ✓ R ✓
 S ✓ R ✓

33. $\angle B_2 = 72^\circ$ (ooreenkomstige \angle $AE \parallel BD$) ✓
 $\angle D = 72^\circ$ (gelyke \angle teenoërs, gelyke sye) ✓
 $\angle C = 36^\circ$ (som van \angle Δ) ✓

S+R ✓
 S+R ✓
 S+R ✓

4.1.1 SSS 4.1.2 SAS 4.1.3 ASA ✓ ✓ ✓
 (3)

4.2 In ΔABC en ΔDCB is
 (1) $AB = CD$ (gegee) ✓
 (2) $CB = CB$ (gemeenskaplike) ✓
 (3) $\angle C = \angle B$ (gelyke) ✓
 $\Delta ABC \cong \Delta DCB$ (90° SKS) (4)

S+R ✓
 S+R ✓
 S+R ✓
 S+R ✓

4.3.1 In ΔACD en ΔBAC is
 (1) $\angle A_1 = \angle C_1$ (verw. \angle $AB \parallel DC$) ✓
 (2) $AB = AC$ (gegee) ✓
 (3) $AE = DC$ (gegee) ✓
 $\Delta ACD \cong \Delta BAE$ (SAS) (4)

S+R ✓
 S+R ✓
 S+R ✓
 S+R ✓

4.3.2. $\angle A_2 = \angle B_2$ ($\Delta \cong$) ✓
 $\angle E = \angle A_1 + \angle B_2$ (buitre \angle) ✓
 $= \angle A_1 + \angle A_2$
 $\therefore \angle BAD = \angle BEC$

S+R ✓
 S+R ✓

(2)
 [13]

511. In ΔPQT en ΔPRS is

(1) $\angle P = \angle P$ (gemeen) ✓

(2) $\angle Q_1 = \angle R$ (OORoekomstig $QT \parallel RS$) ✓

(3) $\angle T_1 = \angle S$ (OORoekomstig $QT \parallel RS$) ✓

$\Delta PQT \parallel \Delta PRS$ ($\angle \angle \angle$) ✓

S+R ✓

S+R ✓

S+R ✓

S+R ✓

(14)

512 $\frac{PQ}{PR} = \frac{QT}{RS} = \frac{PT}{PS}$ ✓ ($\Delta \parallel \parallel$) ✓

Verhoudings
reël ✓

$$\frac{3}{3+x} = \frac{4,5}{6}$$

$$13,5 + 4,5x = 18$$

$$4,5x = 4,5$$

$$x = 1 \quad \checkmark$$

(13)

entw ✓

5.21 $\frac{22,5}{5} = 4,5 \quad \checkmark$

Verhoudings ✓

$\frac{13,5}{3} = 4,5 \quad \checkmark$

$\frac{9}{2} = 4,5 \quad \checkmark$

$\Delta DEH \parallel \Delta FGE$ (Sye in dieselfde
Verhouding / ewesing) (4)

De volgorde en
R

5.22 $\angle E_2 = \angle H \quad \checkmark$

(1)

$\angle H \quad \checkmark$

5.23 $DH \parallel EF$ (verw $\angle \angle =$) (2)

S+R ✓

(14)