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## SYFERS TOT WISKUNDE

Syferkunde

Wiskunde

Leierskap

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### Hersiening Inoefening Vaslegging Graad 4 – Kwartaal 3 – Werkopdrag 2 – 2025 MEMORANDUM

#### Afdeling A – Konsepte van TYD

- |                                 |                               |
|---------------------------------|-------------------------------|
| 1.1 $3 \times 60 = 180$ sek (3) | 1.2 24 uur (1)                |
| 1.3 $5 \times 60 = 300$ min (3) | 1.4 $4 \times 7 = 28$ dae (3) |
| 1.5 $30 + 31 = 61$ dae (3)      | 1.6 $365 + 366 = 731$ dae (2) |
| 1.7 Julie en Augustus (2)       |                               |

2. Jou eie tabel met antwoorde.

- |                       |                    |
|-----------------------|--------------------|
| 3.1 5 dae < 1 week    | 3.2 63 min > 1 uur |
| 3.3 Augustus = 31 dae | 3.4 26 uur > 2 dae |
| 3.5 Desember = 31 dae | 3.6 3 dae = 72 uur |
| 3.7 4 weke = 28 dae   | 3.8 83 sek > 2 min |
- (8)

#### Afdeling B – ANALOOGTYD

1.



8 min voor 1



12 min oor 9



10 min oor 10



7 min oor 4

(4)

2.



0.52 vm



9.12 vm



10.10 vm



4.07 vm

(4)

3.



12.52 nm



9.12 nm



10.10 nm



4.07 nm

(4)

4.

| AKTIWITEIT             | TYD van die DAG |
|------------------------|-----------------|
| Staan op in die oggend | 6 vm            |
| Vertrek na die skool   | 7 vm            |
| Eerste pouse           | 10 vm           |
| Einde van die skooldag | 2 nm            |
| Sport na skool         | 3 nm            |
| Aandete                | 7 nm            |
| Slaaptyd               | 9 nm            |

(7)

5.1 14 dae = **2 weke**

5.2 120 minute = **2 uur**

5.3 2 jaar = **24 maande**

5.4 10 weke = **70 dae**

5.5  $\frac{1}{2}$  dag = **12 uur**

5.6 480 sekondes = **8 minute**

5.7  $\frac{1}{4}$  dag = **6 uur**

5.8 112 dae = **16 weke**

(8)

### Afdeling C – LENGTE

1.1 Linaal

1.2 Linaal

1.3 Maatband

1.4 Wielmeter

1.5 Wielmeter

(5)

2.1 10 mm = 1 cm

2.2 40 mm = 4 cm

2.3 9 cm = 90 mm

2.4 1 m = 100 cm

2.5 300 cm = 3 m

2.6 1 000 mm = 1 m

2.7 1 km = 1 000 m

2.8 7 km = 7 000 m

2.9 120 m = 1 m 200 cm

2.10 2 450 cm = 2 m 450 cm

(10)

|                    |       |
|--------------------|-------|
| Tot die naaste 10  | 2 860 |
| Tot die naaste 100 | 2 900 |

3. 

|                      |       |
|----------------------|-------|
| Tot die naaste 1 000 | 3 000 |
|----------------------|-------|

(3)

4. 1 cm; 15 mm;  $2\frac{1}{2}$  cm; 32 mm; 12 cm (1)

5.  $2\frac{1}{2}$  km; 1 km; 450 m; 220 m; 102 m (1)

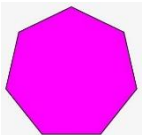
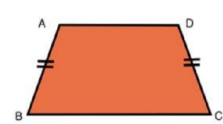
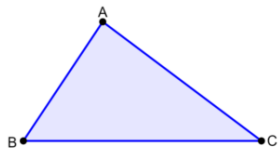
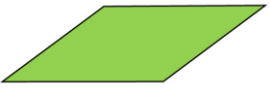

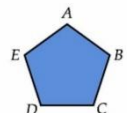

- |                            |                           |
|----------------------------|---------------------------|
| 6.1 35 mm + 86 mm = 121 mm | 6.2 98 m + 43 m = 141 m   |
| 6.3 75 cm – 36 cm = 39 cm  | 6.4 96 km – 39 km = 57 km |
| 6.5 25 mm x 7 = 175 mm     | 6.6 63 m x 5 = 315 m      |
| 6.7 63 cm ÷ 9 = 7 cm       | 6.8 120 km ÷ 10 = 12 km   |
- (8)

7.1 Oop getalsin:  $30\text{ cm} \times 14 = \square$   
 Bewerkings:  $= (30 \times 10) + (30 \times 4)$   
 $= 300 + 120$   
 $= 420\text{ cm}$   
 $= 420\text{ cm} \times 10$   
 $= 4\ 200\text{ mm}$   
 Antwoord: Totale lengte is 4 200 mm (6)

7.2 Oop getalsin:  $2\text{ m } 700\text{ mm} + 2\ 650\text{ mm} + 2\frac{1}{2}\text{ m} = \square$   
 Bewerkings:  $2\text{ m } 700\text{ mm} + 2\text{ m } 650\text{ mm} + 2\text{ m } 500\text{ mm}$   
 $= 7\text{ m } 850\text{ mm}$   
 Antwoord: 7 m 850 mm is altesaam gespring (4)

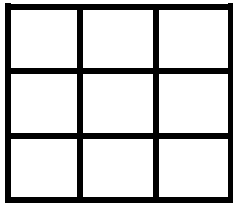
**Afdeling D – 2D vorms**

1.

|   |   |  |   |
|---|---|--|---|
|  |  |  |   |
| Heptagoon/Sewehoek  | Trapesium   | Driehoek   |   |
|  |  |   |  |
| Parallelogram   | Oktagoon/Aghoek   | Pentagoon/Vyfhoek  | Heksagoon/Seshoek (7)   |

- |                         |                       |
|-------------------------|-----------------------|
| 2.1 2D vorm             | 2.2 Pentagoon/Vyfhoek |
| 2.3 Sirkel              | 2.4 Heksagoon/Seshoek |
| 2.5 Reguit en geboë sye | 2.6 Driehoek          |
| 2.7 Vierhoek            | (7)                   |

**3. Kids Genius Program [Probleemoplossing]**



14 vierkante