



# In samewerking met Oupa Wiskunde

**Syferkunde**      **Wiskunde Leierskap**

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## Graad 5 – Kwartaal 4 – Oefenvraestel – November 2025

Heelgetalle en getsinne; numeriese patrone; 2D en 3D en simmetrie; omtrek, oppervlakte en volume; kapasiteit; gewone breuke; lengte en tyd

### 1. Skryf die volgende getalle in uitgebreide notasie:

1.1 7 143 = \_\_\_\_\_ (1)

1.2 3 496 = \_\_\_\_\_ (1)

1.3 14 825 = \_\_\_\_\_ (1)

1.4 65 123 = \_\_\_\_\_ (1)

### 2. Voltooi die volgende tabel oor WAARDE en PLEKWAARDE:

Getal	8 <u>1</u> 9	<u>4</u> 589	7 3 <u>0</u> 9	3 0 <u>4</u> 8	<u>9</u> 4 629
Waarde	10				
Plekwaarde	T				

(8)

### 3. Voltooi die tabel oor afronding:

Rond af tot die naaste	10	100	1 000
8 529			
28 554			
59 190			

(9)

### 4. Skryf die volgende getalle in stygende orde [klein na groot]:

231 437; 231 420; 231 463; 231 475 \_\_\_\_\_ (1)

### 5. Skryf die volgende getalle in dalende orde [groot na klein]:

692 137; 692 120; 692 163; 692 175 \_\_\_\_\_ (1)

2.

6. Bereken en wys alle bewerkings:

6.1  $91\,087 + 32\,345 =$  \_\_\_\_\_  $6.2\ 42\,462 + 78\,582 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (1) \_\_\_\_\_ (1)

6.3  $65\,326 - 18\,452 =$  \_\_\_\_\_  $6.4\ 64\,897 - 29\,701 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (1) \_\_\_\_\_ (1)

6.5  $387 \times 45 =$  \_\_\_\_\_  $6.6\ 624 \times 28 =$  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_ (3)

6.7  $15\sqrt{735}$  (3) 6.8  $47\sqrt{710}$  (3)

7. Voltooi die volgende getalsinne:

7.1  $423 + \underline{\hspace{1cm}} = 674$  \_\_\_\_\_ (2)  
7.2  $767 - \underline{\hspace{1cm}} = 452$  \_\_\_\_\_ (2)  
7.3  $567 + \underline{\hspace{1cm}} - 19 = 567$  \_\_\_\_\_ (2)  
7.4  $509 - 10 + 10 =$  \_\_\_\_\_ (2)  
7.5  $225 \times 4 =$  \_\_\_\_\_ (1)  
7.6  $850 \div 5 =$  \_\_\_\_\_ (1)  
7.7  $(69 + 173) - 76 =$  \_\_\_\_\_ (3)

3.

7.8  $259 - (99 + 101) =$  \_\_\_\_\_

(3)

**8. Woordsomme met getalsinne: [Skryf eers die getalsin en doen dan die bewerking]**

8.1 Daar is 28 tamaties in 'n houer. As daar 6 636 tamaties is, hoeveel houers kan volgemaak word?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

\_\_\_\_\_

Antwoord: \_\_\_\_\_

(4)

8.2 Die snoepie verkoop 357 sappies per dag. Hoeveel verkoop hulle in 1 week?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Antwoord: \_\_\_\_\_

(3)

**9. Voltooi die volgende vloedigramme:**

9.1

INSET					UITSET	
2	→	+ 4	→	x ?	→	18
5	→		→		→	
8	→		→		→	36
12	→		→		→	
15	→		→		→	57

(3)

9.2

INSET					UITSET	
4	→	÷ ?	→	+ 3	→	5
6	→		→		→	
10	→		→		→	8
12	→		→		→	
16	→		→		→	11

(3)

4.

10. Bepaal die reël in elke patroon en voltooi die tabel:

10.1

INSET	1	2	3	8	12	20
UITSET	6	10	14			

Reël: \_\_\_\_\_

(4)

10.2

INSET	1	2	3	8	12	20
UITSET	6	9	12			

Reël: \_\_\_\_\_

(4)

11. Voltooi die volgende getalpatrone:

11.1 4; 6; 9; 13; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

(3)

11.2 600; \_\_\_\_\_; 500; 450; \_\_\_\_\_; \_\_\_\_\_

(3)

11.1 21; 28; \_\_\_\_\_; 42; \_\_\_\_\_; \_\_\_\_\_

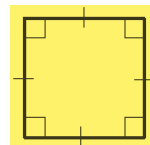
(3)

12. Benoem die volgende 2D vorms:

12.1 \_\_\_\_\_



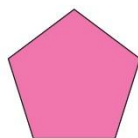
12.2 \_\_\_\_\_



12.3 \_\_\_\_\_

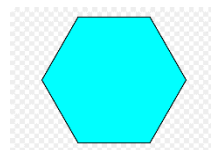


12.4 \_\_\_\_\_



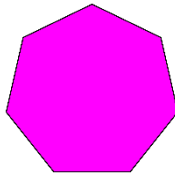
(4)

12.5 \_\_\_\_\_



5.

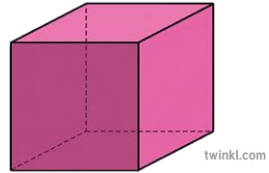
12.6 \_\_\_\_\_



(2)

13. Benoem die volgende 3D voorwerpe:

13.1 \_\_\_\_\_

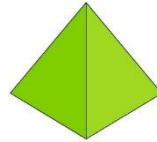


13.2

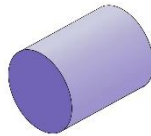


\_\_\_\_\_

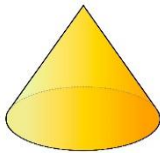
13.3 \_\_\_\_\_



13.4 \_\_\_\_\_

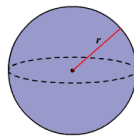


13.5



\_\_\_\_\_

13.6 \_\_\_\_\_



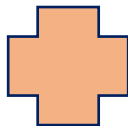
(6)

14. Hoeveel lyne van simmetrie het elke vorm:

14.1 \_\_\_\_\_



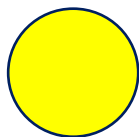
14.2 \_\_\_\_\_



14.3 \_\_\_\_\_



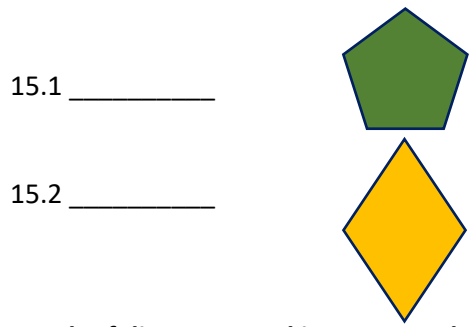
14.4 \_\_\_\_\_



(4)

6.

15. Wat is die orde van rotasie-simmetrie van elke vorm:



(2)

16. Skryf die 12 uur-tyd in 24 uur-tyd:

16.1 9.30 vm \_\_\_\_\_

16.2 11.20 nm \_\_\_\_\_

16.3 12.15 nm \_\_\_\_\_

16.4 8.00 vm \_\_\_\_\_

16.5 11.59 vm \_\_\_\_\_

16.6 2.30 nm \_\_\_\_\_

(6)

17. Skryf die 24 uur-tyd in 12 uur-tyd:

17.1 02:30 \_\_\_\_\_

17.2 17:20 \_\_\_\_\_

17.3 12:37 \_\_\_\_\_

17.4 10:10 \_\_\_\_\_

17.5 12:05 \_\_\_\_\_

17.6 23:30 \_\_\_\_\_

(6)

18. Bereken en wys jou bewerkings:

18.1 Hoeveelheid dae vanaf 17 Januarie tot 20 Maart? [SKRIKKELJAAR]

\_\_\_\_\_

(2)

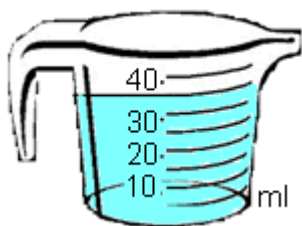
18.2 Ek verjaar die 7de Mei en my pa verjaar 26 dae na my. Wanneer verjaar hy?

\_\_\_\_\_

(2)

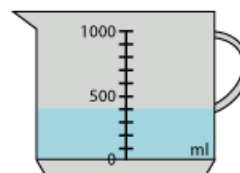
19. Wat is die kapasiteit van die volgende houers:

19.1



\_\_\_\_\_

19.2



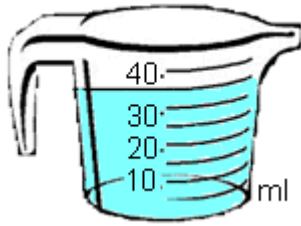
\_\_\_\_\_

(2)

7.

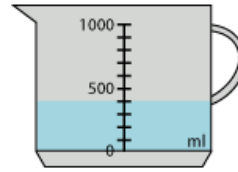
20. Wat is die volume van die inhoud:

20.1



\_\_\_\_\_

20.2



\_\_\_\_\_

(2)

21. Voltooi die volgende tabel:

5 l	ml
$4\frac{1}{2}$ l	ml
3 500 ml	l
9 125 ml	l

(4)

22. Om een houer vol sap te maak gebruik ek 3 bottels van 750 ml elk.  
As ek 29 houers moet volmaak, hoeveel bottels sap het ek nodig?

Oop getalsin: \_\_\_\_\_

Bewerking: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

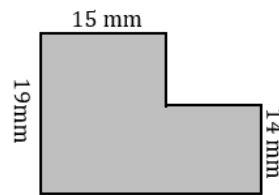
Antwoord: \_\_\_\_\_

(3)

23. Bereken die omtrek van elke vorm:

23.1 Omtrek = \_\_\_\_\_

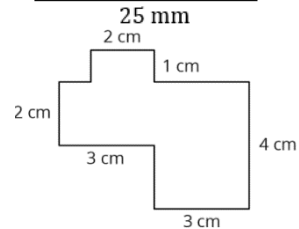
= \_\_\_\_\_



(2)

23.2 Omtrek = \_\_\_\_\_

= \_\_\_\_\_

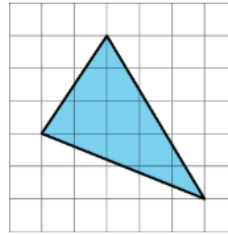


(2)

8.

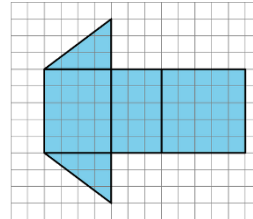
24. Bereken die oppervlakte van elke figuur in vierkante eenhede:

24.1 Oppervlakte = \_\_\_\_\_



(1)

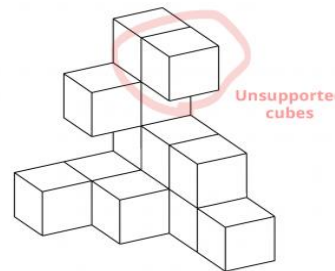
24.2 Oppervlakte = \_\_\_\_\_



(1)

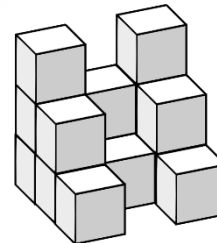
25. Bereken die volume van elke figuur deur die kubusse te tel:

25.1 Volume = \_\_\_\_\_



(1)

25.2 Volume = \_\_\_\_\_



(1)

26. Bereken die ekwivalente breuke:

26.1  $\frac{1}{5} = \frac{\square}{10}$

26.2  $\frac{3}{4} = \frac{\square}{12}$

26.3  $\frac{3}{9} = \frac{\square}{18}$

26.4  $\frac{4}{6} = \frac{\square}{3}$  (4)

27. Vul die regte verwantskaptekens in:

27.1  $\frac{1}{2}$  \_\_\_\_\_  $\frac{1}{3}$

27.2  $\frac{2}{6}$  \_\_\_\_\_  $\frac{1}{4}$

27.3  $\frac{1}{5}$  \_\_\_\_\_  $\frac{3}{10}$

27.4  $\frac{3}{4}$  \_\_\_\_\_  $\frac{1}{2}$  (4)



9.

28. Skryf in dalende volgorde → van groot na klein:

$$\frac{3}{6}, \frac{7}{8}, \frac{1}{4}, \frac{2}{3}$$

Dieselfde noemers: \_\_\_\_\_

Antwoord: \_\_\_\_\_ (2)

29. Skryf in stygende volgorde → van klein na groot

$$\frac{5}{8}, \frac{10}{12}, \frac{1}{2}, \frac{4}{6}, \frac{1}{3}$$

Dieselfde noemers \_\_\_\_\_

Antwoord: \_\_\_\_\_ (2)

30. Bereken die volgende:

30.1  $\frac{6}{12} + \frac{4}{12} + \frac{1}{12} =$  \_\_\_\_\_

30.2  $\frac{1}{10} + \frac{3}{10} + \frac{5}{10} =$  \_\_\_\_\_

30.3  $\frac{16}{20} - \frac{7}{20} =$  \_\_\_\_\_

30.4  $\frac{19}{25} - \frac{12}{25} =$  \_\_\_\_\_ (8)

30.5  $3\frac{3}{7} + 4\frac{5}{7} =$  \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_ (3)

30.6  $8\frac{3}{8} - 3\frac{5}{8} =$  \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_ (3)

30.7  $3\frac{2}{5} + 1\frac{4}{5} - 2\frac{3}{5} =$  \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_ (3)

30.8  $5\frac{1}{8} + 3\frac{5}{8} - 4\frac{3}{8} =$  \_\_\_\_\_

= \_\_\_\_\_

= \_\_\_\_\_ (3)

10.

31. Bereken en wys alle bewerkings:

31.1  $\frac{3}{9}$  van 36 = \_\_\_\_\_ (4)

31.2  $\frac{3}{8}$  van 248 kg = \_\_\_\_\_ (4)

31.3  $\frac{6}{10}$  van 300 km = \_\_\_\_\_ (4)

32. Woordprobleme met gewone breuke: [Wys alle bewerkings]

32.1 My ma gebruik  $\frac{3}{6}$  van 'n brood vir toebroodjies en  $\frac{2}{6}$  van die brood vir poeding.  
Watter breuk van die brood het sy gebruik?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

Antwoord: \_\_\_\_\_ (3)

32.2 Lukas spandeer  $\frac{2}{12}$  van sy sakgeld aan lekkers,  $\frac{4}{12}$  aan sy stokperdjie en  $\frac{5}{12}$  om te spaar.

32.2.1 Watter breuk van sy sakgeld het hy gebruik?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

Antwoord: \_\_\_\_\_ (3)

32.2.2 Watter breuk van sy sakgeld is oor?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

Antwoord: \_\_\_\_\_ (3)

32.3 'n Sjokolade bestaan uit 28 blokkies.  $\frac{3}{7}$  van die sjokolade is opgeëet.  
Hoeveel blokkies is oor?

Oop getalsin: \_\_\_\_\_

Bewerkings: \_\_\_\_\_

Antwoord: \_\_\_\_\_ (4)

**11.**

**33. Bereken en wys jou bewerkings:**

33.1 320 mm = \_\_\_\_\_ cm \_\_\_\_\_ (2)

33.2 48 cm = \_\_\_\_\_ mm \_\_\_\_\_ (2)

33.3 100 cm = \_\_\_\_\_ m \_\_\_\_\_ (2)

33.4 0,5 m = \_\_\_\_\_ cm \_\_\_\_\_ (2)

**34. Afronding van lengtes – Voltooi die tabel:**

Tot die naaste	10	100	1 000
6 517 m			
34 567 m			

(6)

**35. Bereken en wys alle bewerkings:**

35.1 13 497 cm + 9 053 cm [Antwoord in sentimeter]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(2)

35.2 3 725 m + 6,073 km [Antwoord in kilometer]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(2)

35.3 8 125 m – 6 975 m [Antwoord in meter]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(2)

**12.**

35.4  $6\,258\text{ m} - 5,089\text{ km}$  [Antwoord in meter]

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(2)

35.5  $514\text{ m} \times 15$  [Antwoord in meter]

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(3)

35.6  $345\text{ km} \times 24$  [Antwoord in kilometer]

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(3)

35.7  $540\text{ m} \div 9$  [Antwoord in meter]

(3)

35.8  $435\text{ cm} \div 5$  [Antwoord in centimeter]

(3)