



education

Department of
Education
FREE STATE PROVINCE

GRADE 6 / GRAAD 6

**MATHEMATICS MOCK TEST /
WISKUNDE-OEFENTOETS**

JUNE 2026 / JUNIE 2026

MARKS : 40 / PUNTE: 40

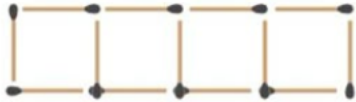
MEMORANDUM / NASIENRIGLYNE

This memorandum consists of 4 pages. / Hierdie nasienriglyne bestaan uit 4 bladsye.

General marking notes: / Algemene nasiennotas:

1. Give full marks for answers only, unless otherwise stated. / Gee volpunte slegs vir antwoorde, tensy anders vermeld.
2. Accept any alternative correct solution that is not included in the memorandum. / Aanvaar enige alternatiewe korrekte oplossing wat nie in die memorandum ingesluit is nie.
3. **CA** refers to **consistency accuracy**. / **KA** verwys na **konsekwentheid akkuraatheid**.
4. **A** refers to **Accuracy**. / **A** verwys na **Akkuraatheid**.
5. **M** refers to **Method**. / **M** verwys na **Metode**.

	ANSWER / ANTWOORD	CLARIFICATION / VERKLARING	MARKS/ PUNTE	COGNITIVE LEVEL/ KOGNITIEWE VLAK
QUESTION 1				
1.1	A ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	K
1.2	D ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	RP
1.3	C ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	RP
1.4	B ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	K
			[04]	
QUESTION 2				
2.1	= ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	RP
2.2.	7,6; 5,03; 4,28; 3,14; 2,09; 1,95 ✓	1 mark: correct ordering/ 1 punt: korrekte rangskikking	1	K
2.3.	876 700 ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	K
2.4.	Tenths ✓	1 mark: correct answer/ 1 punt: korrekte antwoord	1	K
2.5.	List of prime numbers / Lys van priemgetalle: 2,3,5,7,11 First 5 that is uneven numbers / Eerste 3 wat onewe getalle is: 3; 5; 7; 11; 13 ✓ ∴ sum/ som 3 + 5 + 7 + 11 + 13 = 39 ✓	1 mark: list the first 5 odd prime numbers/ 1 punt: lys die eerste 5 onewe priemgetalle 1 mark: the sum of the first 5 odd numbers/ 1 punt: die som van die eerste 5 onewe getalle	2	CP/ KP
			[06]	

	ANSWER / ANTWOORD	CLARIFICATION / VERKLARING	MARKS/ PUNTE	COGNITIVE LEVEL/ KOGNITIEWE VLAK
	$\begin{array}{r} 1 \ 2 \ 3 \ 2 \\ - \quad 7 \ 7 \ 0 \\ \hline 4 \ 6 \ 2 \\ - \quad 4 \ 6 \ 2 \\ \hline . \ . \ . \end{array}$ <p>(5 bonds of / 5 groepe van 154)</p> <p>(3 bonds of / 3 groepe van 154) ✓</p> <p>40 + 5 + 3 = 48 ✓ CA / KA</p>			
			[10]	
QUESTION 4				
4.1.				
4.1.1	$\begin{array}{r} 4 \ , \ 7 \ 6 \ 8 \\ + \quad 1 \ , \ 2 \ 5 \ 4 \\ \hline 6 \ , \ 0 \ 2 \ 2 \\ \hline \end{array}$ <p>✓ M</p> <p>✓ CA</p>	<p>1 mark: correct method / 1 punt: korrekte metode</p> <p>1 mark: correct answer/ 1 punt: korrekte antwoord</p>	2	RP
4.1.2.	$\begin{array}{r} \quad \quad 3 \ 9_{40} \ 10 \\ 9 \ , \ 4 \ 0 \ 0 \\ - \quad 3 \ , \ 1 \ 8 \ 6 \\ \hline 6 \ , \ 2 \ 1 \ 4 \\ \hline \end{array}$ <p>✓ M</p> <p>✓ CA</p>	<p>1 mark: correct method / 1 punt: korrekte metode</p> <p>1 mark: correct answer/ 1 punt: korrekte antwoord</p>	2	RP
			[04]	
QUESTION 5				
5.1.				
5.1.1.	135; 405 ✓A	1 mark for / 1 punt vir 135; 405	1	K
5.1.2.	To get the next term you multiply the previous term by 3 ✓	1 mark correct explanation Accept any correct explanation	1	K
5.2.				
5.2.1.		1 mark: correct diagram/ 1 punt: korrekte diagram	1	K

ANSWER / ANTWOORD							CLARIFICATION / VERKLARING	MARKS/ PUNTE	COGNITIVE LEVEL/ KOGNITIEWE VLAK
5.2.2.	Pattern	1	2	3	4	11 ✓	1 mark: 11 / 1 punt: 11 1 mark: 34/ 1 punt: 34	2	RP
	No. of rectangles	4	7	10	13 ✓	34			
								[05]	
QUESTION 6									
6.1.									
6.1.1	<p>40% of 200 =</p> $\frac{40}{100} \times 200 = 80$ <p>= 80 playing rugby ✓ M</p> <p>Therefore 200–80 = 120 learners not laying rugby ✓ CA</p>						1 mark correct method 1 mark correct answer	2	CP
6.1.2.	<p>List factor pairs of 63 (These are numbers that multiply to 63) 1 × 63; 3 × 21; 7 × 9</p> <p>Check which pair gives a quotient of 7 Try dividing the bigger number by the smaller: 63 ÷ 1 = 63; 21 ÷ 3 = 7; 9 ÷ 7 ≠ 7 Therefore, the numbers are 3 ✓ and 21 ✓</p>						2 marks the correct numbers given	2	PS
6.1.3.	<p>$\frac{1}{4}$ of 480 = $\frac{1}{4} \times \frac{480}{1}$ ✓M = 120 ✓A = 480–120 = 360 ✓A</p>						2 marks correct method 2 punt: korrekte metode 1 mark correct answer 1 punt: korrekte metode Accept any other correct method.	3	CP
6.1.4.	<p>Total mice = 120 Cat eats $\frac{1}{4}$ of the mice each day Number of days = 3</p> <p>Mice eaten per day = $\frac{1}{4} \times 120 = 30$ ✓ Mice eaten in 3 days = 30 × 3 = 90 ✓✓ Therefore, the cat will eat 90 mice in 3 days</p>						1 mark/ 1 punt $\frac{1}{4} \times 120 = 30$ 2 marks / 2 punte 30 × 3 = 90	3	PS
6.1.5	15–4–5=□ ✓						1 mark correct number sentence	(1)	K

	ANSWER / ANTWOORD	CLARIFICATION / VERKLARING	MARKS / PUNTE	COGNITIVE LEVEL / KOGNITIEWE VLAK
			[11]	
	TOTAL/ TOTAAL = 40 MARKS / PUNTE			