



JAARLIKSE NASIONALE ASSESSERING 2012
GRAAD 4 WISKUNDE
TOETS
MEMORANDUM

PUNTE: 60

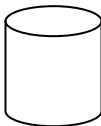
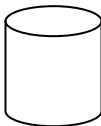
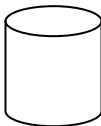
Hierdie memorandum bestaan uit 5 bladsye.


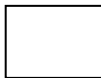
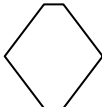



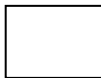
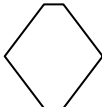



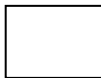
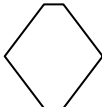


Belangrike inligting:

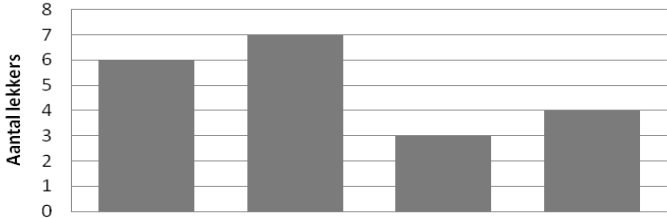
1. Gee volpunte vir slegs antwoorde, tensy anders aangedui.
2. Aanvaar enige ander korrekte oplossing wat nie in die memorandum gegee is nie.

VRAAG		VERWAGTE ANTWOORD	VERDUIDE- LIKING	PUNTE	TOTAAL
1.	1.1	C ✓		1	5
	1.2	B ✓		1	
	1.3	B ✓		1	
	1.4	B ✓		1	
	1.5	C ✓		1	
2.		53 ✓		1	1
3.	3.1	5 175 ✓ 5 225 ✓		2	4
	3.2	⊙ ✓ Δ ✓		2	
4.		$\frac{13}{26}$ ✓ ✓		2	2
5.		$(9 \times \underline{100})$ ✓ + $(\underline{6} \times 10)$ ✓	2	2	2
6.		$100 \div 5 = 20$ ✓ ✓	Gee volpunte as die korrekte antwoord gegee word.	2	2
7.		1 125 ✓		1	1
8.		3 050 ✓		1	1
9.	9.1	$\begin{array}{r} 1\ 3\ 5\ 3 \\ +\ 5\ 3\ 0\ 3 \\ \hline 6\ 6\ 5\ 6 \end{array}$ ✓✓	Aanvaar enige ander korrekte metode.	2	2

9.2	$\begin{array}{r} 3\ 544 \\ - 3\ 193 \\ \hline 351 \end{array} \checkmark\checkmark$	Aanvaar enige ander korrekte metode.	2	2
9.3	$\begin{array}{r} 8\ 7 \\ \times 5\ 2 \\ \hline 1\ 7\ 4 \\ + 4\ 3\ 5\ 0 \\ \hline 4\ 5\ 2\ 4 \end{array} \checkmark\checkmark$ <p style="text-align: center;">OF</p> $\begin{aligned} &87 \times 52 \\ &= 80 \times 50 + 80 \times 2 + 7 \times 50 + 7 \times 2 \quad \checkmark \\ &= 4\ 000 + 160 + 350 + 14 \quad \checkmark \\ &= 4\ 000 + 510 + 14 \quad \checkmark \\ &= 4\ 524 \quad \checkmark \end{aligned}$	Aanvaar enige ander korrekte metode.	3	3
9.4	$\begin{array}{r} 49\checkmark \\ 5 \overline{)245} \\ \underline{20} \quad \checkmark \\ 45 \\ \underline{45} \quad \checkmark \\ 0 \end{array}$ <p style="text-align: center;">OF</p> $\begin{aligned} &245 \div 5 \\ &= (200 + 40 + 5) \div 5 \\ &= (200 \div 5) + (40 \div 5) + (5 \div 5) \quad \checkmark \\ &= 40 + 8 + 1 \quad \checkmark \\ &= 49 \quad \checkmark \end{aligned}$	Aanvaar enige ander korrekte metode.	3	3
10.	$112 \div 8 = 14 \quad \checkmark\checkmark$		2	2

11.		<div><div>1 345</div><div>483</div><div><div>2 780</div>✓<div>238</div>✓</div><div>691</div></div>		<div>1</div> <div>1</div>	2																																																	
12.	12.1	1 cm ✓		1	2																																																	
	12.2	1 l ✓		1																																																		
13.		02:00 ✓ of 14:00 ✓		2	2																																																	
14.	14.1	<table><tr><th colspan="7">NOVEMBER</th></tr><tr><th>So.</th><th>Ma.</th><th>Di.</th><th>Wo.</th><th>Do.</th><th>Vr.</th><th>Sa.</th></tr><tr><td></td><td>1</td><td>2✓</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20✓</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr></table>	NOVEMBER							So.	Ma.	Di.	Wo.	Do.	Vr.	Sa.		1	2✓	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20✓	21	22	23	24	25	26	27	28	29	30						<div>1</div> <div>1</div>	4
NOVEMBER																																																						
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	14.2	Mark ✓		1																																																		
	14.3	18 ✓		1																																																		
15.		<table><tr><th>Voorwerp</th><th>Voorwerp se naam</th><th>Getal geboë vlakke</th><th>Getal plat vlakke</th></tr><tr><td></td><td>Silinder ✓</td><td>1 ✓</td><td>2 ✓</td></tr></table>	Voorwerp	Voorwerp se naam	Getal geboë vlakke	Getal plat vlakke		Silinder ✓	1 ✓	2 ✓		<div>1</div> <div>1</div> <div>1</div>	3																																									
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16.																			
16.1	D2 ✓				1														
16.2	<table><tr><td>1</td><td></td><td style="background-color: #cccccc;">✓</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td></tr></table>	1		✓			2						A	B	C	D		1	2
1		✓																	
2																			
	A	B	C	D															

17.	17.1	Mpho IIII II ✓ Shuaib IIII ✓		1 1											
	17.2.1	<div><p>Lekkers waarvan leerders hou</p><table><thead><tr><th>Name van leerders</th><th>Aantal lekkers</th></tr></thead><tbody><tr><td>Tasneem</td><td>6</td></tr><tr><td>Mpho</td><td>7</td></tr><tr><td>Jenny</td><td>3</td></tr><tr><td>Shuaib</td><td>4</td></tr></tbody></table></div>	Name van leerders	Aantal lekkers		Tasneem	6	Mpho	7	Jenny	3	Shuaib	4		1
Name van leerders	Aantal lekkers														
Tasneem	6														
Mpho	7														
Jenny	3														
Shuaib	4														
	17.2.2	Tasneem ✓		1											

4

18.			3	3
19.	$60 \div 6 \checkmark = 10$ bome \checkmark		2	2
20.	$4 \text{ cm} + 5 \text{ cm} + 3 \text{ cm} \checkmark = 12 \text{ cm}$ $12 \text{ cm} \checkmark$		2	2
21.	$< \checkmark$		1	1
22.	Seker \checkmark		1	1
23.	6 $\checkmark\checkmark$	Gee 1 punt vir 3.	2	2
TOTAAL			60	