

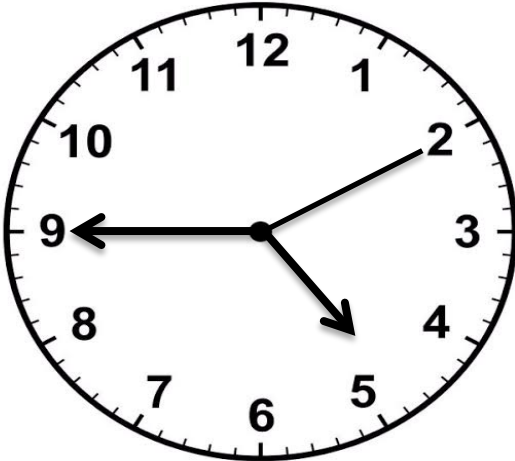
DISTRICT PAPER / DISTRIK VRAESTEL NOVEMBER 2019

GRADE/GRAAD 5 MEMORAMDUM

QUESTION 1 VRAAG 1	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
1.1	C ✓	1
1.2	D ✓	1
1.3	D ✓	1
1.4	B ✓	1
1.5	C ✓	1
1.6	C ✓	1
1.7	A ✓	1
1.8	C ✓	1
1.9	A ✓	1
1.10	C ✓	1
1.11	+8 ✓	1
		<b>[11]</b>


QUESTION 2 VRAAG 2	ANSWER ANTWOORD Accept any method / aanvaar enige metode	MARK ALLOCATION / PUNTE TOEKENNING
a	26 635 (26✓ 635✓)	2
b	41 306 (41✓306✓)	2
c	$\begin{array}{r} 312 \\ \times 13 \\ \hline 936 \\ + 3120 \\ \hline 4056 \end{array}$ <p style="text-align: right;">936 ✓ 3120 ✓ 4056 ✓</p>	3  <b>Oorweeg/Consider KA/ CA</b>
d	$\begin{array}{r} 26 \\ 13 \overline{) 338} \\ \underline{-26} \\ 78 \\ \underline{-78} \\ 0 \end{array}$ <p style="text-align: right;">26 ✓ 33-26=7 ✓ 78-78=0 ✓</p>	3

e	$15\frac{3}{7} - 7\frac{4}{7}$ $= 8\frac{3}{7} - \frac{4}{7}$ $= 7\frac{10}{7} - \frac{4}{7}$ $= 7\frac{6}{7}$ <p>Whole numbers / Heelgetalle  <b>15-7=8</b> ✓          Borrowing / Leen by 'n heelgetal  <math>7\frac{10}{7}</math> ✓          Answer/ Antwoord  <math>7\frac{6}{7}</math> ✓</p>	<p>3</p> <p>[13]</p>
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QUESTION 3 VRAAG 3	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
3.1.1	Gold Rush ✓ 1 hour and 5 minutes or 65 minutes / 1 uur en 5 minute of 65 minute ✓	2
3.1.2	Cut In Half ✓ Ultimate weapons ✓	2
3.1.3	1 hour / 1 uur OF/OR 60 min ✓	1
3.1.4	09:45 ✓	1
3.1.5		<p>← Closer to 5 than 4 } ✓</p> <p>← on 9 } ✓</p> <p>— on 10 ✓</p> <p>2 wysers reg ✓ 3 Wysers reg ✓✓</p>
3.1.6	37°C	2
		1
		[9]

QUESTION 4 VRAAG 4	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
4.1 A	$3m+6m+2m+3m+8m=22m$ ✓✓	2
4.2 B	36 cubes/ kubusse ✓✓	2
4.2	$12\frac{1}{2}$ blocks / blokkies ✓	1
		[5]

QUESTION 5 VRAAG 5	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
5.1 a	Cylinder / Silinder ✓	1
5.1 b	5 ✓	1
5.1 c	Squares and rectangles/ Vierkante en reghoeke ✓	1
5.1 d	Squares and Triangles/ Vierkante en driehoeke ✓	1
5.2.1	(B6) ✓	1
5.2.2	No/ Nee ✓	1
		[6]

QUESTION 6 VRAAG 6	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
6.1	 <p><b>Only 2 symmetry lines /</b> <b>Slegs 2 simmetrie lyne</b> ✓✓</p>	<p>2</p> <p>✓ Show on figure/ dui aan op skets</p> <p>✓ Written number / Geskryfde getal</p>
6.2	Translation / Translasie ✓✓	2
6.3 a	Side view/ Sy-aansig ✓	1
6.3 b	Back view or Font view / Agter aansig of voor-aansig ✓	1
		[6]

QUESTION 7 VRAAG 7	ANSWER ANTWOORD	MARK ALLOCATION / PUNTE TOEKENNING
7.1.1	Both tails or one coin on heads and other coin om tails / Beide munte op stert gedeeltes of een munt kop en die ander munt stert ✓	1
7.1.2	3 ✓	1
7.2.1	$\frac{1}{8}$ ✓	1

7.2.2 a	$\begin{array}{r} \text{HHH I} \\ \checkmark \end{array}$	1
7.2.2 b	$12 \checkmark$	1
7.2.2 c	$\begin{array}{r} \text{IIII} \\ \checkmark \end{array}$	1
7.2.2.d	$4 \checkmark$	1
		<b>[7]</b>

<b>QUESTION 8 VRAAG 8</b>	<b>ANSWER ANTWOORD</b> any method / enige metode	<b>MARK ALLOCATION / PUNTE TOEKENNING</b>
8.1	$\begin{array}{r} 1\ 453 \\ -\ 876 \\ \hline 577 \end{array}$ <p>577 Learners are girls/ 577 Leerlinge is dogters</p>	$\checkmark$ Subtract / minus $\checkmark$ 577 Learners/Leerlinge  2
8.2	$\begin{array}{r} 81\ \text{km} \\ 73\ \text{km} \\ +\ 67\ \text{km} \\ \hline 221\ \text{km} \\ \\ 290\ \text{km} \\ -\ 221\ \text{km} \\ \hline 69\ \text{km} \end{array}$	$\checkmark$ Add 3 days / Plus 3 Dae $\checkmark$ 221 km for days / vir 3 dae $\checkmark$ 69 km for last day / vir laaste dag  3
8.3	$\begin{array}{r} 6\ 458 \\ +\ 2\ 146 \\ \hline 8\ 604 \end{array}$ <p><math>8\ 604 \div 2 = 4\ 302</math></p>	$\checkmark$ Add / Plus $\checkmark$ $\div 2$ $\checkmark$ <b>4 302</b>  3  <b>[8]</b>