



Province of the
EASTERN CAPE
EDUCATION

FOUNDATION PHASE

GRADE 3

NOVEMBER 2017

**MATHEMATICS
MARKING GUIDELINE**

MARKS: 50

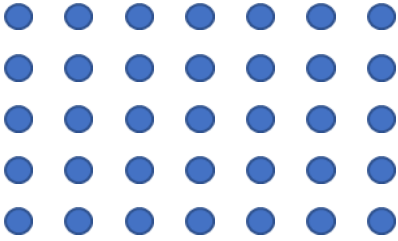
This marking guideline consists of 8 pages.

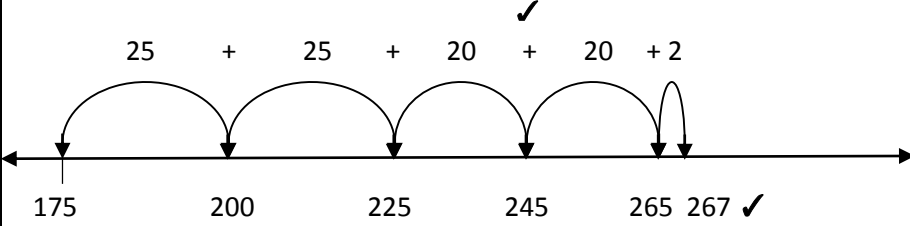
MARKS: 50

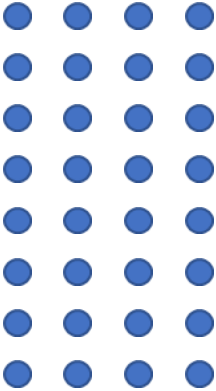
1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct solution that may not be included in the memorandum unless otherwise stated.

DO NOT ALLOCATE HALF MARKS.



QUESTION	EXPECTED ANSWER(S)		MARK(S)
SECTION A:			
1.	B ✓		1
2.	C ✓		1
3.	C ✓		1
4.	D ✓		1
5.	A ✓		1
6.	542, 442, 342, 242 ✓	All the numbers must be included	1
7.	569, 596, 659, 695 ✓		1
8.1	B ✓		1
8.2	A ✓		1
8.3	B ✓		1
9.	Three quarter or $\frac{3}{4}$ ✓		1
10.	12 ✓		1
11.	R4,50 ✓		1

12.	$7 \times 5 =$ ✓ ✓ $7 + 7 + 7 + 7 + 7 = 35$ or  ✓ ✓ $7 \times 5 = 35$	Accept any correct method used	2
13.	$684 + 293 =$ $= 684 + 200 + 90 + 3$ ✓ $= 884 + 90 + 3$ $= 974 + 3$ $= 977$ ✓ or $= (600 + 200) + (80 + 90) + (4 + 3)$ ✓ $= 800 + 170 + 7$ $= 800 + 100 + 70 + 7$ $= 977$ ✓		
14.	$595 - 247 =$ $= 595 - 200 - 40 - 7$ ✓ $= 395 - 40 - 7$ $= 355 - 7$ $= 348$ ✓	Accept any correct method used	2

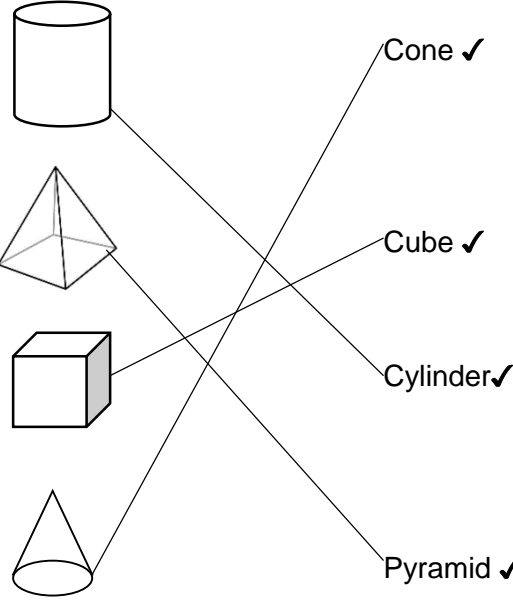
15.	$48 \div 4$ $= (40 \div 4) + (8 \div 4) \checkmark$ $= 10 + 2 \checkmark$ $= 12$ or \checkmark $48 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 \checkmark$		2
16.	$175 + 92 =$ 	<ul style="list-style-type: none"> • Accept any correct number line • Allocate 1 mark for the correct jump and 1 mark for the correct answer. 	2
17.	<p>Number of strawberries - 20 Friend - 5 $20 \div 5 = 4$</p> <p>or</p> <p>\checkmark $20 - 5 - 5 - 5 - 5$ Each friend will get 4 strawberries. \checkmark</p>	Accept the correct method used	2

QUESTION	EXPECTED ANSWER(S)	MARK(S)														
18.	<p>rows - 8 1 row – 4 trees $8 \times 4 =$</p>  <p>There will be 32 trees altogether. ✓✓</p>	2														
19.	<table border="1"><tr><td data-bbox="240 1048 587 1120">Number of ice cream</td><td data-bbox="587 1048 662 1120">1</td><td data-bbox="662 1048 737 1120">2</td><td data-bbox="737 1048 812 1120">3</td><td data-bbox="812 1048 887 1120">4</td><td data-bbox="887 1048 962 1120">6</td><td data-bbox="962 1048 1037 1120">10</td></tr><tr><td data-bbox="240 1120 587 1218">Price of ice cream in rands</td><td data-bbox="587 1120 662 1218">4</td><td data-bbox="662 1120 737 1218">8</td><td data-bbox="737 1120 812 1218">12</td><td data-bbox="812 1120 887 1218">16</td><td data-bbox="887 1120 962 1218">24 ✓</td><td data-bbox="962 1120 1037 1218">40 ✓</td></tr></table>	Number of ice cream	1	2	3	4	6	10	Price of ice cream in rands	4	8	12	16	24 ✓	40 ✓	2
Number of ice cream	1	2	3	4	6	10										
Price of ice cream in rands	4	8	12	16	24 ✓	40 ✓										
TOTAL		29														

SECTION B: PATTERS, FUNCTION AND ALGEBRA

QUESTION	EXPECTED ANSWER(S)		MARK(S)
1.1	870; 890; 910 ✓	All the numbers to be included	1
1.2	582; 578; 574 ✓		1
1.3	400; 425; 450 ✓		1
2.1			1
2.2			1
TOTAL			5

SECTION C: SHAPE AND SPACE

QUESTION	EXPECTED ANSWER(S)	MARK(S)
1.	 <p>Cone ✓</p> <p>Cube ✓</p> <p>Cylinder ✓</p> <p>Pyramid ✓</p>	4
2.1	B ✓	1
2.2	C ✓	1
TOTAL		6

SECTION D: MEASUREMENT

QUESTION	EXPECTED ANSWER(S)	MARK(S)
1.	8'clock ✓	1
2.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Three o'clock \longrightarrow four o'clock One hour </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Four o'clock \longrightarrow quarter past four 15 minutes </div> </div> 1 hour 15 minutes ✓✓	2
3.1	8 ✓	1
3.2	4 ✓	1
4.	250g, 310g, 2kg, 5kg ✓	1
5.	C ✓	1
TOTAL		7

DATA HANDLING

QUESTION	EXPECTED ANSWER(S)	MARK(S)		
1.1	Grade R - 10 Grade 1 - 8 Grade 3 - 6 $= 10 + 8 + 6$ ✓ $= 24$ learners ✓	2		
1.2	Grade 2 and Grade 3 ✓ <table border="1" style="display: inline-table; vertical-align: middle; margin-left: 20px;"> <tr> <td style="width: 150px;"></td> <td>Both grades to be included</td> </tr> </table>		Both grades to be included	1
	Both grades to be included			
TOTAL		3		
GRAND TOTAL:		50		