Mathematics · Grade 4

Memorandum · Term 1–4

TOTAL
42
MARKS

Marking guidelines

1. Award method marks even where the final answer is wrong.
2. Accept any correct method, including one that differs from the memorandum.
3. An answer without the unit loses the unit mark, not the whole question.
4. Where a question asks for two or more items, award one mark per correct item.
5. Do not deduct marks for handwriting, provided the answer can be read.

Question	Answer	Marks	Marking note
QUESTION 1 · Multiple choice · 3 marks			
1.1	a. A tally table	**1**	
1.2	b. 11	**1**	
1.3	c. A pictograph	**1**	
QUESTION 2 · Matching · 4 marks			
2.1	1 = D (data); 2 = C (bar graph); 3 = A (pictograph); 4 = E (survey)	**4**	*1 mark each.*
QUESTION 3 · Tally table · 7 marks			
3.1	Apple 7; Banana 12; Orange 5; Grapes 9	**4**	*1 mark per row. Each bundle of five (four strokes with one across) counts 5.*
3.2	Banana, with 12 votes. 12 − 9 = 3 more votes than grapes.	**2**	*1 mark for banana, 1 for the difference.*
3.3	7 + 12 + 5 + 9 = 33	**1**	
QUESTION 4 · Pictograph · 6 marks			
4.1	Lions 8; Elephants 6; Rhinos 10; Buffaloes 4	**4**	*1 mark per group.*
4.2	10 − 6 = 4 books	**2**	*1 mark for the operation, 1 for the answer.*

Question	Answer	Marks	Marking note
QUESTION 5 · Pie chart: favourite sport · 4 marks			
5.1	a. Soccer b. $\frac{1}{4}$ c. 12 d. Cricket and tennis	**4**	*1 mark each.*
QUESTION 6 · Bar graph: favourite colour · 5 marks			
6.1	a. Blue b. Green c. 8 + 12 + 5 + 9 = 34 learners d. 12 − 5 = 7 e. Any correct sentence about the graph, e.g. Blue is the most popular colour. / Green was chosen the least.	**5**	*1 mark each.*
QUESTION 7 · Collect and sort data · 7 marks			
7.1	Size 3: 5; Size 4: 4; Size 5: 2; Size 6: 1	**4**	*1 mark per row.*
7.2	Size 3 (five learners).	**1**	
7.3	The shop knows which size is bought most, so it can order more of that size and less of the others.	**2**	*1 mark for 'knows what is popular', 1 for 'orders correctly'. Accept any other sensible reason, e.g. it knows which sizes to keep more of in stock.*
QUESTION 8 · Probability · 6 marks			
8.1	Heads or tails (two outcomes).	**2**	*1 mark per outcome.*
8.2	1 ; 2 ; 3 ; 4 ; 5 ; 6	**1**	
8.3	a. 5 b. 5 + 2 + 4 = 11 c. No — every number has the same chance; the results differ only by chance.	**3**	*1 mark each.*

Total **42 marks**



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