

BERLUT MATHEMATICS GRADE 5 SG & AB

CORRECTIONS AND ERRATA OVERVIEW

A review of the current Grade 5 Study Guide and Answer Book identified a number of corrections affecting specific pages. The books remain curriculum-aligned and suitable for use. Please use this overview when teaching or marking the affected activities. Confirmed corrections will be incorporated into future printings.

1. STUDY GUIDE CORRECTIONS

Page	Section	Correction
14	Notation	Use $M_6 < 36 = \{6; 12; 18; 24; 30\}$. The 6 in M_6 should be subscripted.
28	Worked example	The heading should read $213 + 305 + 461$ so that the heading corresponds with the worked solution.
31	Example: double and halve	Delete the 4th example (12×25), as the RHS should have been divided, not multiplied.
32	Method 2 layout (multiplication on left)	Cross off the 0 in 50 on the second line. Move the 000 on the final line up one line so that the answer reads 54 000.
63	Measurement graphic	On the second ruler, correct the placement of the 7mm mark.
77-78	Flow diagrams	All arrows should point to the right.
82	Line diagram	The lower A point of the curved line should be directly below the upper A; the same applies to the two Bs.
91	Translation diagram	A - D should all be 2D shapes, not 3D objects.
93	Extra arrow	Remove the arrow between the infinity symbol and the abacus.
118	Example 2	Question: the time should read 16 June 09:25, not 19:25, so that it corresponds with the working and final answer.
126	Capacity conversion	Use $3\ 909\ell = 3\ 000\ell + 909\ell = 3\text{k}\ell\ 909\ell$. The final unit is litres, not millilitres.
151	Mean formula	Insert the omitted division sign: Mean = sum of all scores $\div$ number of scores.
164	Example 3 bar diagram	The green arrows have moved too far to the left and should be under the appropriate sections of the bar.

2. ANSWER BOOK: CORRECTIONS

Page	Question / section	Correction
174	Question 15(c)	The number being square-rooted should not be in brackets or quotation marks. $\sqrt{812}$
180	2.5 Question 3(r)	Restore the omitted fraction in the printed calculation. $\begin{aligned} r) \quad & 16 + \frac{1}{4} \text{ of } 20 \\ & = 16 + 5 \\ & = 21 \end{aligned}$
180	2.6 Question 2(j); (k)	Division signs are missing in the first row.
183	Question 16(a)	The 4th 'house' image should have 4 windows, not 2
184-188	Chapter 3	A complete corrected version of Chapter 3 is available in the accompanying Corrections and Errata PDF and should be used in place of the printed Chapter 3 pages.
189	Question 6(d)	The working and final answer are omitted from the printed version. Use the solution shown. $\begin{aligned} \text{Juice left} &= 70\ell - (50\frac{1}{2} + 13\frac{3}{4})\ell \\ &= 70\ell - (50\frac{2}{4} + 13\frac{3}{4})\ell \\ &= 70\ell - 63\frac{5}{4}\ell \\ &= 70\ell - 64\frac{1}{4}\ell \\ &= 5\frac{3}{4}\ell \end{aligned}$
193	4.1.5 Question 2(a)	Delete the extra 5 at the end of R41,355 on the third line from the top.
194	Question 1(b)	Missing fractions: Anna = $\frac{3}{6} = \frac{1}{2}$; Mishka = $\frac{2}{6} = \frac{1}{3}$; Lucy = $\frac{1}{6}$.

195	Rate problems Question 2(d)	Insert the missing division signs ($\div$) in part iii.																				
197	Question 3(a)	The three circles at the top, as well as the wording in the working, should be green, blue and purple, not black, white and grey.																				
198	Question 8(b)	Incorrect diagram. Method 1 <table><tr><td>Day 1</td><td colspan="4">?</td></tr><tr><td>Day 2</td><td>?</td><td>8</td><td colspan="2"></td></tr><tr><td>Day 3</td><td>?</td><td>8</td><td>8</td><td></td></tr><tr><td>Day 4</td><td>?</td><td>8</td><td>8</td><td>8</td></tr></table> $\textcircled{2}$ To get starting amt $\times 4$ $= 100 - 48$ $= 52$ $\textcircled{3}$ extra 8 every day $= 8 \times 6$ $= 48$ Total amt over 4 days $= 100$ $\textcircled{4}$ Amt on day 1 $= 52 \div 4$ $= 13$	Day 1	?				Day 2	?	8			Day 3	?	8	8		Day 4	?	8	8	8
Day 1	?																					
Day 2	?	8																				
Day 3	?	8	8																			
Day 4	?	8	8	8																		
199	Question 7(b)	The completed diagram answer is omitted.																				
200	7.3.3 Question 2(a)	The grid should not be shaded.																				
201	7.4 Question 1	Incorrect diagram and associated wording. 'Striped' must be 'blue'.																				
202	Question 3(a) diagram	All row heights should be equal. Wording under it missing a division sign Algebraically: no of squares = diagram no $\times 3 + 2$ diagram no = (no of squares $+ 2$) $\div 3$																				
206	10.2.1 Question 1	Diagram not correct or relevant. Answers should be: i) c; d; a; b ii) c; a; d; b																				
213	13.2 Question 1(e); 3 and 4	Use Polokwane, not Polokane. Write temperatures consistently with the degree symbol, for example 20°C.																				
217	Question 4(a) diagram	DE should be only twice the width of the others.																				
218	14.2.1 Question 1(d) diagram	The diagram should be as on right, where blue shows the area of the lake's surface																				
222	16.6.2 Question 1.2	Correct graph on the right:																				
228	18.3.2 Question 3(b)	Replace $30 \times 10 = 100 \text{ min} = 1 \text{ h } 40 \text{ min}$ with $30 \times 10 = 300 \text{ min} = 5 \text{ h } 9.00\text{am} + 5\text{h} \rightarrow 2.00\text{pm}$																				
229	Question 5	The correct placement of the arrows in the tree diagram:																				
232	Question 3(b)	The correct widths of the bar diagram sections:																				

Support

If a specific correction remains unclear, please refer to the corresponding Study Guide or Answer Book activity and contact Penguin Random House South Africa for assistance.