

New Elementary Mathematics 1 Textbook 1999 Printing		
Page	Question or Section	Error
14	Lesson 1.5	In Method 2 for extracting the common prime factors of 60 and 96, the number below the 96 should read 48 rather than 34.
25	Exercise 1.8, 5(h)	A simpler solution is $48 \times 2^{4-n}$ or $3 \times 2^{8-n}$. This problem, however, is not appropriate for this level.
41	Exercise 2.2, 6(c)	Omit. Solutions involve negative numbers or using the distributive
41	Exercise 2.2, 6(e)	property for -1 and rearranging.
45	Exercise 2.3, 6(f)	Omit. Solution involves negative numbers, which haven't been presented yet.
62	Exercise 2.6, 8(d)	Omit. Solution involves negative numbers, which haven't been presented yet.
169	Challenger 6, 5	"If she had spent the same amount of money for each type, she would have bought 2 more cans of drinks for the same total amount of money. "
172	Lesson 7.1	Rate Example (b) should have a 3 in the denominator of the fraction. He is paid at the rate of $\frac{\$36}{3}$ per hour or \$12/h.
206	Misc. Ex. 2, 14	Omit. Insufficient information.
327	Misc. Ex. 3, 12(a)	Omit. Insufficient information.
380	Exercise 14.1, 6(b)	Change the top angle on the figure on the left to 120° .
381	Exercise 14.1, 6(c)	Change the angle on the figure on the right to 23° .
401	Revision 4C, 9	This problem inappropriate for this level since the solution involves use of the Pythagorean theorem.
403	Misc. Ex. 4, 13(a)(ii)	Inappropriate. Solution involves Pythagorean Theorem which hasn't been taught yet.
409	Ass. 1, Paper II, 2(b)	The solutions in the text are for a sum of 23 along the side, not 21.
412	Ass. 2, Paper I, 2(b)	The answer in the text are for 2 pumps working. The answer for 2 pumps not working is 20 h.
418	Exercise 1.4, 4(b)	113
424	Exercise 4.3, 9(d)	8,231,953
436	Exercise 12.3, 19	2 : 3
438	Revision 4C, 1(a)	31.5 cm^2
439	Ass. 2 Paper 1, 2(b)	29 h (30 h for 2 pumps working)

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3	Chapter 2, 3	Involves negative numbers. Do after ch. 4.
19	Chapter 4, 19(a)	Inappropriate - negative indices haven't been taught yet.
22	Test Paper 2, 1(a)	Change $83 \times 10^{-1} \text{ g}$ to 0.83 g or $8.3 \times 10^{-1} \text{ g}$.
62	Chapter 8, 10	Change last sentence to: Find the price at which the company bought the watch."
80	Chapter 10, 1(c)	Omit. Poor problem since answer is repeating decimal. Answer is $12 \frac{6}{7}$
112	Test Paper 6, 3(a)	Inappropriate - need Pythagoras' Theorem to find perimeter.
120	Chapter 14, 16(b)	Inappropriate - requires trigonometric functions
139	Chapter 1, 14(d)	241
144	Chapter 7, 34	3 h 36 min
151	Chapter 13, 15	2657.92

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7	Class Activity 2, 13	456
14	Challenger 2, 2(c)	3994

14	Challenger 2, 4(b)	$\frac{13}{66}$
22	Challenger 9, 1(a)	Draw $PG = a$, $QR = c$, $RS = b$, PS is the required line segment.
29	Challenger 13, 1	13440 m^3

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50	Revision Ex. 1, 5(a)	$\left(-\frac{1}{4}\right) + \frac{1}{4} + \left(\frac{5}{-21} \times \frac{42}{\square}\right) = 1$ $\frac{5}{-21} \times \frac{42}{\square} = 1$ $-\frac{5}{3 \times 7} \times \frac{7 \times 3 \times 2}{\square} = 1$ $-\frac{5}{1} \times \frac{2}{\square} = 1$ $-\frac{2}{\square} = \frac{1}{5}$ $\square = -10$
51	Revision Ex. 1, 8	$\frac{596}{0.202} = \frac{5.96 \times 100}{2.02 \times 0.1} = \frac{5.96}{2.02} \times 1000 \approx 3 \times 1000 = 3000$
73	Exercise 6.1, 6(f)	No solution. Value for x is not an integer.
94	Exercise 7.2, 2(d)	$\frac{40 \text{ cm}^2}{1 \text{ m}^2} = \frac{40 \text{ cm}^2}{10,000 \text{ cm}^2} = \frac{1}{250} = 1:250$

