

# New Elementary Mathematics 3

(Updated 11/26/2008 )

## Textbook 3A

Page				Printing
32	Section 2.3		Quadratic formula in green box is missing the not equal sign at end; "where $a \neq 0$ "	1998
38	Exercise 2.4	4	Question should read: "... consecutive positive numbers is $\frac{17}{72}$ . Find..."	1998
41	Challenger 2		Remove the factor 2 in the first term. Do the same for the worked answer in the Teacher's Manual.	1998, 2005
49	Exercise 3.2	22	Change the second inequality to $2x + 1 < x + 2$	1998, 2005
78	Exercise 4.3	3(c)	Either the line is poorly drawn, or the estimate for y-intercept is poor. If we take the y-intercept as (0, 2.8) then the gradient is 7/5, and the equation for the line would be $y = 7/5 x + 2.8$ .	1998
188	Revision 2A	5	This problem has an error somewhere. $x$ cannot be -1.	1998
		7	They symbol $\infty$ should be $\infty$	1998, 2003
203	Assessment 1	11(a)(i)	Problem should read: "Express $d$ in terms of $T, D, R, r,$ and $v$ ."	1998
		11(a)(ii)	The answer to the problem is given in the question. If you want the student to calculate, blacken out the value for $D$ .	1998
<b>Answers</b>				
213	Exercise 1.3	8(o)	$\frac{x^2 + y^2}{x(x + y)^2}$	1998
	Exercise 2.1	1(f)	$\frac{7}{2}, -\frac{2}{3}$	1998
		4(e)	$h = \frac{\pm 2\pi g}{\sqrt{t^2 - 4\pi^2}}$	1998
	Exercise 2.2	2(d)	0.89, -1.26	1998
		2(h)	0.36, -7.36	1998
214	Exercise 2.3	4(c)	-20, $\frac{40}{7}$	1998
	Exercise 2.4	11(c)	5 cm, $5\frac{1}{3}$ cm	1998
216	Revision 1B	6	$p = \frac{q^2 + r^2}{q + r}$	1998
217	Exercise 5.1	12(c)	$-187\frac{1}{4}$	1998, 2005
		14(d)	39.24	1998, 2005
218	Exercise 6.2	1(d)(1)	1.3, -1.3	1998, 2003

## Workbook

Page				Printing
3	Chapter 1	4(r)	Numerator needs to be corrected: $\frac{5 \times 125^{\frac{1}{3}}}{125^{\frac{1}{3}}}$	2005
18	Chapter 3	9(a)	Omit this problem.	2005
33	Test Paper 2	7	Problem is missing an equation for line AB. It is $5y = 3x + 15$ .	2005
<b>Answers</b>				
142	Chapter 1	20	$8x^3 - 12x^2 - 18x + 27$	2005
147	Test Paper 2	4(b)	490 ml and 530 ml	2005
149	Test Paper 3	8(c)	-0.85, <b>1</b> , 2.35	2005
152	Test Paper 4	1(b)	$x = 57.5, y = 65$	2005