

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 ∞ should be ∞ | 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 |
| Answers | | | | |
| 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 |
| Answers | | | | |
| 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, 1 , 2.35 | 2005 |
| 152 | Test Paper 4 | 1(b) | $x = 57.5, y = 65$ | 2005 |
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