

Errata, 2020-21 Editions

I am very serious about having an error-free book and answer key, but I need to count on you, my readers, to help me. For any error in mathematical content, I am willing to offer a **monetary reward** to the first person who contacts me about it.

Algebra I Regents Course Workbook

- p. 41:
The expression “5 is more than x ” should have been translated as $5 > x$.
– Found by Salvatore DiLorenzo

Geometry Regents Course Workbook

- p. 71:
Step (B) of the Model Problem solution should say, $\triangle ABC \sim \triangle EDC$.
– Found by Elisheva Shapiro

Algebra II Regents Course Workbook

- p. 17, #5:
The answer key has an error in the multiplication of the numerators. The corrected step should be $\frac{\sqrt{28} - 4\sqrt{2}}{14 - 16}$, leading to a solution of $-\sqrt{7} + 2\sqrt{2}$.
- p. 131, #1:
The functions should all be defined in terms of t , not x , as in $f(t)$, $g(t)$, etc.
– Found by Ephraim Rauch
- p. 131, #2:
The answer key incorrectly uses the compound interest formula. The correct answer should be $\left(1.033\frac{1}{12}\right)^{12t} \approx (1.00271)^m$. – Found by Ephraim Rauch
- p. 136, #10:
Parentheses are missing. The equation should read, $\log_3(2x) = \log_3(x + 4)$.
– Found by Ephraim Rauch
- p. 197:
The last sentence states that a constant function has an inverse. The graph of a constant function is a horizontal line, so it is not one-to-one and does *not* have an inverse.

Algebra II Regents Exam Questions

- p. 73, #2:
For choices (3) and (4), the exponents in the first terms should be $12t$. The correct answer is (4) $f(t) = 10,000(1.00075)^{12t} + 10,000e^{0.008t}$. – Found by Ephraim Rauch