

Errata, 2020-21 Editions

Algebra I Regents Course Workbook

- Sect. 2.3, p. 41:
The expression “5 is more than x ” should have been translated as $5 > x$.
– Found by Salvatore DiLorenzo

Geometry Regents Course Workbook

- Sect. 2.1, p. 37, #9:
The answer key states that the shortest side is \overline{AD} but should state the longest side is \overline{AB} .
– Found by David Mirsky
- Sect. 2.6, 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

- Sect. 1.1, p. 11, #19-21 and p. 13 #30:
The problems should include the statement, “Assume non-negative domains for x and y .”
-- Found by Bill Tocco
- Sect. 1.3, 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 $-\sqrt{7} + 2\sqrt{2}$.
- Sect. 5.2, p. 60:
The end of the second example should read, $(x^2 - 3x + 2) + 3 = x^2 - 3x + 5$.
-- Found by Chavi Keilson
- Sect. 5.9, p. 87:
The fourth line in the example at the top of the page should be $= x^4 + 2x^2y^2 + y^4$.
-- Found by Devorah'le Wilhelm
- Sect. 7.5, 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
- Sect. 7.5, 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
- Sect. 8.1, p. 136, #10:
Parentheses are missing. The equation should read, $\log_3(2x) = \log_3(x + 4)$.
-- Found by Ephraim Rauch
- Sect. 10.3, 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.
- Sect. 10.4, p. 203:
The example should say, “Shifting $(2, -3)$ four units to the right maps it to $(6, -3)$.”
- Sect. 11.2, p. 211, #6:
The first equation should be $y = x^3 + 5x^2 + 2$. -- Found by Miri Kleiner

Algebra II Regents Exam Questions

- Sect. 5.7, p. 43, #13:
The choices were incorrectly numbered. Choice (2) is mislabeled as choice (3) and the correct answer, choice (3) $f(x) = -x^3 + 2x - 6$ is mislabeled as choice (2).
-- Found by Yocheved Youdim
- Sect. 7.6, 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
- Sect. 10.4, p. 122, #6:
In the answer key, the exponents for the first factors of $f(x)$ and $g(x)$ should be 2, not 3.