

# Errata Sheet for *The Mathematics Lover's Companion*

Updated September 3, 2021

If you find errors, please send me email ([ers@jhu.edu](mailto:ers@jhu.edu)) to let me know. Thanks.

The following errors were found in the first printing of the book. They are corrected for the second printing.

- Page 11, 6 lines from the bottom: “there only” should read “there are only”. [Rob Garber]
- Page 17, two lines after the indented quotation: “computers of the fact” should read “computers or the fact”. [Rob Garber]
- Page 17, middle of the middle note in the margin: “One the one hand...” should be “On the one hand...” [Willia McCabe]
- Page 41, sixth line: The calculation has an erroneous extra factor of  $\frac{9}{8}$  and should read:  $\frac{9}{8} \times \frac{9}{8} \times \frac{256}{243} = \frac{4}{3}$ . [Tom Pilutti]
- Page 55, 8 lines from the bottom: “Qunitic” should read “Quintic”. [Rob Garber]
- Page 60, first marginal note. Wrong font. [Nicolaas Mars]
- Page 122, 8 lines from the bottom. We see: “Likewise,  $\log(b) = m$ .” But it should say: “Likewise,  $\log(b) = n$ .” [Vladimir Ivanovic]
- Page 148, second paragraph. The text says there are 38 interior lattice points and 10 boundary points for the triangle on page 147. In fact, there are 39 interior lattice points and 8 boundary points. [Amy Scheinerman and Vladimir Ivanovic]
- Page 161, middle. “the the square root” should be “the square root”. [Nicolaas Mars]
- Page 209, bulleted paragraph reads “These lines both contain point 3 and ...” but it should say “These lines both contain point 4 and ...” [Maria Kzandjieva]
- Page 243, first bullet reads “... because 10 is even” but it should say “... because 12 is even.” [Maria Kzandjieva]
- Page 255, third line: “criteria” should be “criterion”. [Rob Garber]
- Page 261, third line: “\$1,000” should be “\$0”. [Rob Garber]

## Further errors that remain in the second printing

- Page 32, first line: “...and subtract (E) from (F)” should read “...and subtract (F) from (E)”. [Ray Gardner]
- Page 100, table of Fibonacci numbers and approximations. The heading for the middle column reads  $\varphi^{n+1} / \sqrt{n}$  but it should be  $\varphi^{n+1} / \sqrt{5}$ . [Olonbayar Temuulen]
- Page 116, line 3: There should not be an apostrophe after the word “measurements”. [Terence Morley]
- Page 125, end of first paragraph: “come examples” should be “some examples”. [Ray Gardner]
- Page 143, last line:  $AB$  should be  $AC$ . [Terence Morley]
- Page 148, six lines from bottom: “them *centroid*” should be “the *centroid*”. [Terence Morley]
- Page 185, the equation that is labeled “divide by  $2E$ ”. The right hand side of this equation should be  $\frac{1}{E}$  (and not  $\frac{2}{E}$ ). [Terence Morley]

- Page 205, lines 12–13: Although the text reads “figure in the margin ...”, in fact the figure is not in the margin, but in the main text column. [Terence Morley]
- Page 205, last paragraph: “It ugliness...” should be “Its ugliness...”. [Parker Spires]
- Page 210, first sentence: “...PERMISSIVE is using...” should be “...PERMISSIVE in using...”. [Parker Spires]
- Page 225, end of second paragraph: “hone in” should be “home in”. [Ray Gardner]