

Pre-Calculus - 2.0 - Error List

July 1, 2018

Errors corrected in disc version 5:

- Lecture 1 – About 3/4 of the way into the lecture, the graph incorrectly shows the points $(-3,8)$ and $(3,8)$ when they should be $(-3,9)$ and $(3,9)$.
- Lecture 44 – About 1/3 of the way into part 2 of the lecture, the audio says “ $\sin \frac{\pi}{4} = \frac{1}{\sqrt{2}}$,” when it should say “ $\cos \frac{\pi}{4} = \frac{1}{\sqrt{2}}$.”
- Problem Set 59, Problem 14 – The CD hint incorrectly gives the equation as $\frac{1}{2} \cos(x-y) + \cos(x+y)$ when it should be $\frac{1}{2} \cos(x-y) - \cos(x+y)$.
- Problem Set 59, Problem 16 – The CD solution is accidentally showing the solution for Problem Set 61, Problem 16.
- Problem Set 60, Problem 20 – In the CD solution, the step shown in the third line of work is $2\sqrt{x} + 1$ when it should be $2\sqrt{x} - 1$.

Errors corrected in disc version 2:

- Lesson 15, page 143 – The last sentence of the third paragraph should say “Only the irrational numbers $\sqrt{2}$ and $-\sqrt{2}$ will work.”
- Problem Set 25, Problem 20 – In the CD solution, the audio says “27 minutes per minute” instead of “27 percent per minute.”
- Problem Set 35, Problem 23 – The function given in this problem does not match with how other billing functions are explained.
- Problem Set 40, Problem 12 – In the textbook, the image of the triangle should have the right angle symbol removed.
- Problem Set 46, Problem 22 – In the CD solution, there are several errors that occur as the result of rounding $\frac{1}{35}$ to 0.03.

- Problem Set 48, Practice F – On the CD, the hint says to plug “2” in for “t” in the problem, but it should be “1” that is plugged in for “t.”
- Chapter 7 Test, Problem 2 – On the CD and in the textbook, the limit for x ($0 \leq x \leq \pi$) should be the limit for y ($0 \leq y \leq \pi$) instead.

Errors that occurred in older printings (none of these are in textbooks or CDs printed after February 15, 2018):

- Problem Set 31, Problem 19 – On the CD, the program would not register the correct answer as correct. This correct answer is $x = 1.2840$.
- Problem Set 40, Problem 12 – On the CD, the image of the triangle should have the side IJ labeled as “51.” The right angle symbol should be removed as well.
- Lecture 48 – Over halfway through the lecture, “ $\cos \frac{\pi}{3}$ ” is incorrectly stated to be equal to “ $\frac{\sqrt{3}}{2}$ ” when it should be equal to “ $\frac{1}{2}$.” The lecture then proceeds to use “ $\frac{\sqrt{3}}{2}$ ” in the next equation as “ $\log \frac{\sqrt{3}}{2}$ ” and gives the answer as approximately “ -0.0625 .” The correct equation and answer should be “ $\log \frac{1}{2}$ ” and “ -0.3010 .”
- Lecture 52 – The lecture was missing the last two minutes of content.