Math 7 Error List

July 1, 2016

Errors in the current printing:

- Lecture 9 – After filling in the boxes for multiplication by 1, the screen displays "$8\times1=1$." It should be "$8\times1=8$." The answer of 8 is counted correctly but it changes to 1 after all the inputs are entered.

- Lesson 14, page 54 – In the third paragraph, the given example uses 732 while the long addition problem shows 723 instead. The CD uses 723 only.

- Problem Set 47, Problem 6 – On the CD, the end of the instructions for the solution should say "202 and 341 added together and that total divided by 3" instead of "91 added to 62, and then that total multiplied by 3."

- Problem Set 50, Problem 2 – On the CD and the textbook, the word "faction" should be "fraction."

- Problem Set 55, Practice E – The answer to this problem should be "$7\frac{1}{3}$ inches." The solution is incorrect as well. The problem statement should be reworded as follows:

  > El Capitan's crew is having to repair a part of their ship. If they are nailing two 6 x 8 boards together that have an actual thickness of $5\frac{1}{2}$ inches per board, what length nails should they be using?

- Problem Set 55, Problem 21 – The answer to this problem should be "$3\frac{1}{3}$ inches." The solution is incorrect as well. The problem statement should be reworded as follows:

  > Scooter and his dad are building an elaborate treehouse and today they need to find a set of nails that they can use on two 3 x 4 boards that have an actual thickness of $2\frac{1}{2}$ inches per board. What length nails do they need?

- Chapter 8 Quiz, Problem 24 – The answer to this problem should be "$9\frac{2}{3}$ inches." The solution is incorrect as well. The problem statement should be reworded as follows:

Many of the rooms in the wealthy widow's new Venetian villa use two 8x8 inch mahogany beams to support the ceiling. If the actual thickness of the beams is $7\frac{1}{4}$ inches per board, what size nails should have been used on them?

- Problem Set 56, Practice D – The answer to this problem should be "$4\frac{2}{3}$ inches." The solution is incorrect as well. The problem statement should be reworded as follows:

    Mr. Leland renovates arts and crafts style homes. Today, he and some of his workers need to install pairs of 4x8 beams that have an actual thickness of $3\frac{1}{2}$ inches per board. What length of nail should the workers use on the beams?

- Problem Set 56, Problem 17 – The answer to this problem should be "$9\frac{2}{3}$ inches." The solution is incorrect as well. The problem statement should be reworded as follows:

    Some workers who are restoring a cathedral are installing several 8×8 beams that are actually $7\frac{1}{4}$ inches thick. What length of nail should they use on the beams?

- Problem Set 68, Problem 15 – The answer in the answer key should be "0.688."

- Problem Set 69, Problem 15 – The answer in the answer key should be "0.31."

- Lesson 70, page 348 – In the second paragraph, the word "right" should instead be "left."

- Problem Set 84, Problem 5 – On the CD, the problem should read "A(n) _____ triangle always has one angle that's greater than ninety degrees."

- Problem Set 85 – The hint letters—the letters inside parentheses that show which practice problems are linked to certain problems in the assignment—are incorrect on the CD. They are correct in the book, though.

Errors that occurred in old printings. You may encounter these if you bought Math 7 before July 1, 2016.

- Problem Set 78, Problem 12 – Choice A, while adhering to the order of the problem statement less than choice C, is the same equation as choice C. For this reason, either answer should be assumed as correct.

- Lesson 2, Page 9 – The first example of a number written out in words should read "four hundred seventy-eight thousand, one hundred twenty-five."

- Lesson 5, Page 18 – The third sentence of the bottom paragraph should read "There's a basic rule that says you can add more than two numbers in a different order and the answer won't change."

- Problem Set 17, Problem 15 – The problem in the textbook and on the CD should read, "Whoop-T-Doo, Inc. shipped 150,000 of its popular paint-splattered jeans in cardboard boxes. If each box held 30 jeans, how many boxes were in the shipment?"

- Problem Set 21, Problem 5 – This should be the matching companion problem to practice B.

- Problem Set 21, Problem 10 – The symbol in the space to solve this problem should be a subtraction sign, not an addition sign.

- Problem Set 22, Problem 11 – The problem in the textbook should read "Last Friday, 600 of the worker bees each collected 500 signatures in support of a shorter work day. How many signatures is this altogether?"

- Lesson 40 – In the 4th sentence of the last paragraph on this page, it says "…we need to multiply the top of the fraction by 3 also…." It should say 2 instead of 3.

- Problem Set 41, Problem 18 – On the 2nd page of the CD solution, there is a minus sign instead of a times sign in the problem "1,065 times 3."

- Problem Set 42, Practice B – The instructions on the CD should read, "Subtract the fractions."

- Lecture 43 – The story problem on the CD should be, "The Mad, Mad Scientist combined $\frac{1}{3}$ of a liter of gobbledygoop with $\frac{1}{4}$ of a liter of gobbledygunk. But he still didn't get the results he wanted, so he poured out $\frac{1}{6}$ of a liter. How many liters does he have now?"

- Problem Set 43, Problem 21 – The problem in the textbook and on the CD should be, "The chef mixed $\frac{4}{9}$ of a pound of chocolate with $\frac{1}{6}$ of a pound of caramel together in a bowl. Then, he used up $\frac{5}{12}$ of a pound of that mixture for one of his favorite recipes. How many pounds of the chocolate caramel mixture did he leave in the bowl?"

- Lesson 44, Page 188 – The sentence which defines the bold word "Mixed Numbers" should read, "A fraction and a whole number together….."

- Problem Set 44, Problems 5/6 and 13/14 – In the group instructions for the problems, replace the word "pair" with "group."

- Problem Set 44, Problem 20 – The problem on the CD and in the textbook should read, "The baker made 5 pounds of dough, then he immediately used $\frac{2}{3}$ of a pound. How many pounds does he have now?"

- Problem Set 46, Problems 10/11 – In the group instructions for the problems, replace the word "pair" with "group."

- Problem Set 47, Practice C – On the CD, the second line on the third page of the solution should read " $\frac{22}{3} - \frac{32}{9}$."

- Problem Set 47, Problem 19 – This problem should not reference Practice D.

- Problem Set 49, Problems 3/4 – In the group instructions for the problems, replace the word "pair" with "group."

- Problem Set 67, Practice A – The second sentence of the instructions in the textbook and on the CD should read, "If your answer is a repeating decimal, round it…" The word "repeating" must be added.

- Problem Set 67, Problem 19 – On the CD, the problem audio should begin with, "Eddie had a balance of $345.78 in his checking account."

- Lecture 69 – In the example about Coca Cola stock prices on the CD lecture, the student is asked to round the number $2,410,000,000 to the nearest "hundred billion." instead of the nearest "hundred million." At that same point in the lecture, the lecturer tells the student "to look at the digit to the right of the hundred billions digit." He should have said "to the right of the hundred millions digit."

- Problem Set 78, Problems 3/4 – The group instructions for these problems should say, "Write each number below in standard form (using decimals)."

- Problem Set 80, Problem 21 – On the CD, the voice should end the question with "what fraction of the snakes were motley boa constrictors?"

- Problem Set 81, Problem 7 – The answer in the answer key should be "E. none of the above."

- Problem Set 82, Problem 21 – The story problem in the textbook should read, "80 scarecrows."

- Lesson 84, Page 388 –Figure 3 in the textbook should read "isosceles."

- Problem Set 88, Problem 9 – In the textbook, the problem should read, "What is 5.25% of 36?"

- Problem Set 90, Problem 5 – The answer in the answer key should be "$\dfrac{121}{9}$."

- Problem Set 91, Practice C – The length on the bottom of the figure should read "13."

- Lecture 103 – The question about the third quadrant of a coordinate plane (at the end of the CD lecture) can be answered correctly by clicking on the (-, -) or the (-, +) buttons, even though clicking on the (-, +) button is wrong. (-, -) is the correct answer.

- Problem Set 103, Practice A – The CD will not allow an input of (-5) for the x-value. It only allows 1 character. The correct answer is (-5, 1).

- Problem Set 103, Practice B – The CD will not allow an input of (-3) for the y-value. It only allows 1 character. The correct answer is (3, -3).

- Problem Set 103, Problem 7 – The CD will not allow an input of (-4) for the x-value. It only allows 1 character. The correct answer is (-4, 1).

- Lecture 105 – On the CD lecture, the first sentence on the notepad should read, "We learned how to solve equations like $x+13=41$." The third page of the notepad should read "$x \times 26 = 338$."

- Problem Set 106, Problem 11 – The program should accept "pepperoni; 39" as the correct answer.

- Problem Set 107, Problem 9 – On the CD, the problem should read "$x+28>39$."

- Problem Set 110, Problem 15 – In the hint for this problem, the word *dekameter* should be spelled with a *k*.

- Problem Set 112, Problem 20 – The figure shown on the CD has the wrong dimensions. The dimensions of the parallelogram should be 17cm X 8.5cm, as they are in the textbook.

- Chapter 17 Quiz, Problem 12 – On the CD, the problem should read "$x+37>82$."