Algebra 1 - 2.0 - Error List

March 1, 2016

Errors in the current printing:

- Problem Set 85, Practice A The problem statement should read " $y^2 + 12y$ "
- Lesson 89 The example in this lesson says "...the store earns \$25 profit on every..." That should just be how much the store is selling the hats for, not how much profit they make from each one.
- Problem Set 89, Practice E The second sentence of the problem statement should read, "If the company sells each listening device for \$50 and the company's expenses are...." The \$50 is not how much profit they earn from each sale it is the total cost of the listening device.
- Problem Set 89, Problem 22 The second sentence of the problem statement should read, "If Freddie sells each pair of shoes for \$80 and his expenses are...." The \$80 is not how much profit he earns from each sale it is the total cost of a pair of shoes.
- Problem Set 91, Problem 14 The answer in the answer key and the solution should be "x = 2.22, x = -0.22." The solution rounds $\sqrt{1.5}$ to 1.23, but it should be 1.22.
- Lecture 112 Approximately 20% into the lecture, at the top left of the page, the equation should read $y = \frac{1}{3}x 7$. It should read -7 instead of +7.
- Lesson 120, Page 616 The phrase "For example, $\sqrt{9-4}$ means..." should instead be "For example, $x \ge 8$ means..."
- Lesson 121, Page 623 In the table for "Multiplying by a positive," $\sqrt{5} + 3$ should be 8 > 3 and $\sqrt{5} 3$ should be 8(2) > 3(2).
- Lesson 121, Page 623 In the table for "Multiplying by a negative," $\sqrt{5}$ should be 8 > 3.
- Lesson 121, Page 623 In the paragraph at the bottom of the page, $\sqrt{5} + 3$ should be 8 > 3.
- Lesson 121, Page 624 In the first paragraph, $2\sqrt{5}$ should be 12 > 6, $\sqrt{7} + \sqrt{7}$ should be $\frac{12}{-3} > \frac{6}{-3}$, and $2\sqrt{7}$ should be -4 < -2.

- Lesson 121, Page 624 In the second paragraph, 3x + 2x = 5x should be $-3x \ge 18$.
- Lesson 128, Problem 12 On the flash CD, the point on choice C is labeled (3, 7) but is actually at (2, 7). It should be (3, 7).
- Problem Set 130, Problem 12 The hint should say "Since you don't have the yintercept, set up the equation in point-slope form and use (-3, 5)." Also, this graph is drawn incorrectly on the CD. The leftmost point says (-3, 5) but it is actually at the point (-5, 3). (-3, 5) is the correct point and should be used for calculations.

Errors that occurred in old printings. None of these are in new textbooks or CDs sold after October 10, 2012.

- Problem Set 15, Practices A and B There is a "Next Page" button in the top right corner of the CD. There is no second page for these problems.
- Problem Set 18, Practice E The hint should say "94.25% of the total number of mice has to equal 75,400."
- Problem Set 23, Problem 13 You can't select option E on the CD, but E is not the correct answer.
- Problem Set 49, Problem 10 The solution for this problem is actually the solution for problem 11.
- Problem Set 49, Problem 11 The solution for this problem is actually the solution for problem 9.
- Problem Set 50, Problems 4 & 6 The program will count the correct answers as incorrect. The answers should be: Problem 4: (-1) * (2) * (3) * (3) * (5) * (x) Problem 6: (-1) * (2) * (2) * (2) * (3) * (x)
- Problem Set 51, Problem 4 The program will count the correct answer as incorrect. The answer should be:
 (-1) * (2) * (3) * (5) * (x)
- Problem Set 52, Problem 2 The program will count the correct answer as incorrect. The answer should be:
 (-1) * (3) * (3) * (3) * (3) * (y)
- Problem Set 53, Problem 3 The program should accept option E as the correct answer rather than option B.

- Problem Set 56, Problem 10 The problem's voice on the CD is incorrect and does not match the text on screen. The text is correct.
- Problem Set 59, Practice C On the CD, choice A should be " $\frac{4+2x}{3x}$."
- Problem Set 77, Practice B The solution on the CD does not match the problem. The correct answer is choice B.
- Problem Set 81, Problem 16 The answer for option B should be " $\frac{13x^3 26}{x^3 2}$," but B is not the correct answer.
- Chapter 11 Test, Problem 15 The equation for this problem should be " $\frac{\frac{25}{4x}}{\frac{10x^2}{8x^4}}$."
- Problem Set 91, Problem 14 The correct answer to this problem in the answer key and on the CD should be "x = 2.22, x = -0.22."
- Problem Set 95, Practice A The answer for option B should be " $\frac{4}{7}x^4yz^2$," but B is not the correct answer.
- Chapter 13 Test, Problem 12 The second fraction should have a numerator of "2ab." The correct equation is " $\frac{a}{a-b} - \frac{2ab}{a^2-b^2}$."
- Problem Set 106, Practice C The answer for option B should have the ordered pair "(1, 5)" in the uppermost point, but B is not the correct answer.
- Problem Set 106, Problem 21 The answer for option C should correctly show "y = 2x 1" rather than "y = 2x," and C is the correct answer.
- Problem Set 111, Problem 17 The answer for option B should have the coordinate "(1, -1)" rather than "(1, 1)," but B is not the correct answer.
- Problem Set 115, Problem 18 The lesson reference number for this problem should be 115, not 117.
- Chapter 16 Test, Problem 22 Option C should have the ordered pair "(0, 6)" in the uppermost point, but this is not the correct answer.

- Problem Set 123, Problem 19 The answer for option D should be " $x \ge 8$ " rather than " $x \ge -8$," but D is not the correct answer.
- Problem Set 135, Practice A The answer for option D should be "Domain: All real numbers greater or equal to 9; Range: All real positive numbers and 0," but D is not the correct answer.
- Problem Set 140, Problem 4 In the solution, the answer for option E should be "Domain: All real numbers; Range: All negative real numbers and 0," and E is the correct answer.
- Chapter 19 Test, Problems 18 and 19 –

If the stem-and-leaf plot is as below then the answers should be:

- 18. 4; Mode = 3.2
- 19. Median = 3.8; Range 9.2

Stem	Leaf
0	344
2	01135
3	22268
4	79
6	6679
7	344
9	125
1 0 = 1.0	

If the stem-and-leaf plot is as below then the answers should be:

18. 5; Mode =49

19. Median = 50.5; Range 88

Stem	Leaf	
1	01334	
2	11257	
4	8999	
5	01256	
6	334	
8	6779	
9	3448	
1 0 = 10		