Master the NEW SAT® 2016
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Please note the following updates and corrections for Master the NEW SAT® 2016. *The corrections indicated below are made when the book is reprinted, so the copy you have purchased may already incorporate some or all of these corrections.*

BOOK PAGE	CORRECTIONS
Page 66	**Question 17**. The first equation should read: $5x - 4y = 13$
Page 71	**Question 19**. The second equation should read: $y > x + c$
Page 77	**Question 38**. The first equation should read: $-3x + 2y = -1$
Page 83	**Answer Key**. The following answers should read: 44. D 46. B 47. C
Page 87	**Answer explanation 44** should read: **44. The correct answer is (D).** Choice (D) shows Emmet's pride in his country and his intent to secure independence. Neither choice (A), in which he rhetorically asks if he could be influenced by personal ambition, nor choice (B), in which he denies that he is an emissary, explains his patriotism. Choice (C) is a statement describing Emmet's alignment with an independent government; it is not a display of patriotism.
Page 88	**Answer explanation 46** should read: **46. The correct answer is (B).** Noting the date of Emmet's speech in his defense of his actions prior to his execution, choice (A) is not possible. The Louisiana Purchase by the United States, choice (D), would have given France more resources to help. However, the Napoleonic Wars were draining the French treasury, choice (B), leaving the country overburdened and uninterested in becoming involved elsewhere. The French Revolution had started in 1789, triggering the rise of Napoleon, but this was not directly related to its refusal to aid Emmet.
Page 88	**Answer explanation 47** should read: **47. The correct answer is (C).** Emmet loved his country and declared his patriotism toward Ireland as his reason for his actions, choice (C). Wright's view was more inclusive, defining it as freeing all people, whatever the country. Emmet's primary focus was on his own people, choice (B), not all of humankind. He defended his actions, choice (A), but this action is unrelated to Wright's concept of a patriot, as is a court that renders an unjust sentence, choice (D).
Page 89	**Answer Key**. Answer 24 should read: 24. B

Page 90	**Answer explanation 19** should read: Choice (D) is incorrect because just noting that the performance lasted all night isn't as informative as noting that, from dusk to dawn, the performance had no interruptions, which choice (B) clearly states.
Page 91	**Answer explanation 29** should read: **29. The correct answer is (C).** This sentence adds new and relevant information by providing an example that shows the reader how severe the drought really is. Choice (A) is incorrect because this information has not been presented previously in the passage. Choice (B) is incorrect because this sentence does not blur the paragraph's focus; rather, it is relevant to the paragraph's main argument. Choice (D) is incorrect because this sentence does not introduce this argument; rather, it supports the argument.
Page 96	**Answer Explanation 18**. The first equation should read: $-9x + 5 = -9(x - b)$
Page 97	**Section 4: Math Test—Calculator**, **Answer Key**. Answer 22 should read: 22. B
Page 98	**Answer explanation 19** should read: **The correct answer is (A).** Since $(1, 1)$ is a solution to the system of inequalities, substituting 1 for x and 1 for y in the given system must result in two true inequalities. After this substitution, $y < -x + b$ becomes $1 < -1 + b$ or $2 < b$, and $y > x + c$ becomes $1 > 1 + c$ or $0 > c$. Hence, b is a positive number greater than 2, and c is negative. Therefore, $b > c$.
Page 99	**Answer explanation 22**. The first sentence should read: **22. The correct answer is (B).**
Page 99	**Answer explanation 30** should read: **The correct answer is (B)**. Simplify the ratio $\dfrac{6x}{2x+4}$ by factoring out the greatest common factor (2). The result is $\dfrac{3x}{x+2}$. Set $\dfrac{3x}{x+2} = 3 + \dfrac{A}{x+2}$ and solve. $A = -6$.
Page 100	**Answer explanation 38** should read: **The correct answer is 4.** To find the value that will make the system have no solution, you must show that the two equations are parallel lines. In standard form, parallel lines are equal on the left side of their equations, but not the right. In standard form, the first equation would need to be equal to the second on the left side. Find a factor that you could multiply the first equation by: $$-3x + 2y = -1$$ $$6x - by = 8$$ $$(-3x + 2y = -1)(-2)$$ $$6x - 4y = 2,$$ $$\text{so } b = 4$$ If $b = 4$, the left side of both equations are equal, but not the right. Therefore, they are parallel.

Page 285	**Answer explanation 6**. The **(answer)** should read: 2.6 **(answer)**
Page 296	**Question 9**. The answer choices should read: (A) $\dfrac{M}{W}$ (B) $\dfrac{M+W}{W}$ (C) $\dfrac{W}{M-W}$ (D) $\dfrac{W}{M+W}$
Page 296	**Question 10**. The answer choices should read: (A) $\dfrac{5}{8}$ (B) $\dfrac{5}{3}$ (C) $\dfrac{3}{5}$ (D) $\dfrac{3}{8}$
Page 315	**Question 10** should read: How may sixteenths are there in $87\dfrac{1}{2}\%$?
Page 333	**Answer Key**. The following answers should read: 5. B 6. C 7. D 8. A 9. A 10. A
Page 357	**Question 7**, answer choice (D) should read: $(4x)^{\frac{1}{5}}+(6x)^{\frac{1}{5}}$

Page 414	**Integer Exponents**. In the first gray box, items a. and b. should read:
	   a. $8^{-2}\bullet 8^{4}$
	   b. $x^{5}\bullet x^{-5}$

Page 414	**Integer Exponents**. Immediately below the first gray box, items a. and b. should read:
	    a. $8^{-2}\bullet 8^{4}=8^{2}=64$
	    b. $x^{5}\bullet x^{-5}=x^{0}=1$

Page 417	**Question 8** should read: 8. Simplify the expression: $\sqrt[3]{-125x^{6}}\bullet\sqrt[3]{64y^{3}}$
Page 418	**Answer Explanation 8** should read: **8. The correct answer is (B).**

	$\sqrt[3]{-125x^6} \bullet \sqrt[3]{64y^3} = -5x^{\frac{6}{3}}(4y^{\frac{3}{3}})$ $= -20x^2 y$
Page 434	**Question 13** should read: **13.** A ball is dropped from a height of 20 ft. above the ground. Given $h(t)$ $= -16t^2 + h_0$, how long will it be before the ball hits the ground?
Page 435	**Answer Key**. Answer 13 should read: 13. C
Page 449	**Conditional Probability**. The second sentence should read: The notation for conditional probability is $P\dfrac{B}{A}$, which is read "the probability of B given A."
Page 449	**Conditional Probability**. The equation below the third sentence should read: $P\dfrac{B}{A} = P(B)$
Page 449	**Conditional Probability**. The notation and equation below the fourth and fifth sentences should read: $$\dfrac{P(A \, and \, B)}{P(A)} \text{ OR } \dfrac{P(A \, and \, B)}{P(B)} \text{ OR}$$ $$P(A \, and \, B) = P(A) \times P\left(\dfrac{B}{A}\right)$$
Page 449	**Conditional Probability**. The problem in gray box, first sentence should read: Of 100 people who work out at a gym there are 45 people who take yoga classes, 55 people who take weight lifting classes, and 15 people who take both yoga and weight lifting.
Page 465	**Answer Key**. The following answers should read: 8. A 9. D
Page 539	**Answer Key**. The following answer should read: 30. A
Page 544	**Answer Explanation 30** should read: **The correct answer is (A).** The description of an "extreme environment," including darkness and extreme temperatures that would kill most other forms of life, signals that choice (A), "harmful," is the answer. Neither choice (B) nor choice (C) supports the idea of the extremely inhospitable environment that the author is describing in the paragraph. Likewise, choice (D) is incorrect because while the environment described is unusual, the focus is more on the idea that it is inhospitable, i.e., harmful to most forms of life that we know.
Page 605	**The selection for Passage 30** should read: In the 1970s, a conservation campaign was initiated to save the tamarins. At this time, there were <u>about 140 participating zoos</u>. The movement began as a collaboration between the National Zoological Park in

	Washington, the Smithsonian Institute, and the Rio de Janeiro Primate Center.
Page 605	**Question 30** should read: **30.** At this point, the writer wants to add specific information that supports the main idea of the paragraph. Which choice most effectively completes the sentence with relevant and accurate information based on the graph (next page)? **(A)** NO CHANGE **(B)** about 300 participating zoos. **(C)** fewer than 200 tamarins in the world's zoos. **(D)** more than 200 tamarins in the world's zoos.
Page 631	**Answer Key**. The following answers should read: 14. C 34. C
Page 633	Answer explanation **14**, the first two sentences should read: **14. The correct answer is (C).** Lines 29–32 make the point that "every page and every year has its dark stain."
Page 635	Answer explanation **34** should read: **34. The correct answer is (C).** Only choice (C) contains the admission by the author of the second passage that atmospheric carbon dioxide is increasing, which the first passage also states. Choice (A) discusses some of the effects of carbon dioxide levels but does not confirm their increase. Choice (B) discusses the changes to the atmosphere without specifically mentioning increased carbon dioxide levels. Choice (D) directly counters any attempts to limit carbon dioxide but doesn't support the fact there are increases."
Page 648	**Answer Key**. Answer 14 should read: 14. B
Page 687	**Question 50**, answer choice **(A)** should read: **(A)** Lines 73-74 ("He stood … white teeth.")
Page 706	**Question 19** should read: **19.** $$y = 3x + 7$$ $$4x - ty = 5$$ According to the system of equations above, what is the value of *t* that makes the system of equations have no solutions?
Page 729	Answer explanation **50** should read: **50. The correct answer is (C).** Cather notes in her description of Paul playing with the buttons on his coat that it was the only outward sign of his discomfort, thus in lines 78–85, she connects his outer actions to his inner feelings, allowing the reader inside Paul's emotional state. Choice (C) then is the correct answer. Choices (A) and (B) are incorrect, as the lines do not interpret the meaning of Paul's facial expression. Choice (D) is incorrect, as the interpretation noted here is made by others and not necessarily reflective of Paul's feelings.

Page 730	**Answer Key**. Answer 19 should read: 19. D
Page 731	Answer explanation **5** should read: **5. The correct answer is (A).** The first part of the sentence, "As she prepared to apply to medical school," correctly tells the reader when the events of the sentence took place. Choices (B) and (C) incorrectly state when these events take place. Choice (D) incorrectly suggests that Blackwell wanted to be a psychologist.
Page 732	Answer explanation **19** should read: **19. The correct answer is (D).** Choice (D) maintains Carson's argument that pesticides are dangerous. Choice (A) is incorrect because it suggests that pesticides are beneficial to health. Choice (B) is incorrect because Carson is not making an argument about cancer specifically, nor does she definitively link the two. Choice (C) is incorrect because Carson is not talking about only bird populations.
Page 733	Answer explanation **27** should read: **27. The correct answer is (A).** This answer ("the movement of the planets") provides an example that is related to astronomy, which is the main focus of the paragraph and sentence. Choices (B), (C), and (D) are incorrect because they provide examples that are inconsistent with the topic of astronomy.
Page 734	Answer explanation **32** should read: **32. The correct answer is (D).** Choice (D), a call to war, is correct because it supports the paragraph's focus on when the Mayans would attack their enemies. Choices (B), (C), and (D) are incorrect because they provide information that is inconsistent with the paragraph's focus.
Page 770	**Question 17** should read: What do the passages suggest about the abolitionist movement in the mid-nineteenth century?
Page 799	The diagram below **Question 13** refers to and should appear above **Question 12.**
Page 805	Question **11** should read: If $b \neq 1$ and $a = \dfrac{3}{b}$, which of the following expressions is equivalent to $\dfrac{a-3}{3b-3}$?
Page 806	**Question 17**, answer choice **(A)** should read: **(A)** 0.0 grams
Page 817	**Answer Key**. Answer 20 should read: 20. B
Page 866	**Question 22** should read: Explain how the word "reserves" is used in line 23 and line 51.
Page 877	**The underlined selection for Passage 9** should read: **9.** <u>The difference between what corporate executives say they want to do. In regard to discrimination, and</u> efforts being made (or not made) …

Page 878	**The selection for Passage 11** should read: **11.** <u>Until women can be as equals accepted in the corporate sphere, "The Glass Ceiling" will remain firmly intact.</u>
Page 881	**The selection for Passage 20** should read: **20.** <u>Formerly head of the Boston Public Library, Herbert Putnam succeeded Young. Putnam served as Librarian of Congress for 40 years.</u>
Page 907	**Answer Key.** Answer 50 should read: 50. B
Page 912	Answer explanation **42** should read: **The correct answer is (B).** Although Truth had great religious faith, the faithfulness referred to here is not about religion, choices (A) and (C); it is about loyalty. Truth reminisces here about her service to her master. He had asked that she be a faithful servant (lines 75–76), which she was, but then she recognizes that, ironically, this is exactly why she has become so valuable to her master.