CB Test #5 Corrections

Section 1 (reading)

- **Question #8 -** chosen answer: C, correct answer: B
  - Choice C is correct because the passage indicates that Mr. Peters was unaware of any physical changes of his appearance and continues to state that the young man never deserted him
- **Question #13 -** chosen answer: A, correct answer: B
  - Choice B is correct because the author states that women can be respected and loved by the men around them, proving that they indirectly have an influence on public life
- **Question #25 -** chosen answer: C, correct answer: B
  - Choice B is correct because it best supports the statement that environmentalists believe that conventional agriculture produces less healthy than organic farming
- **Question #41 -** chosen answer: B, correct answer: D
  - Choice D is correct because in the passage it mentions that the type of news story had an effect on how much people could be manipulated, which correlates with the data and answer choice
- **Question #45 -** chosen answer: A, correct answer: C
  - Choice C is correct because,according to the passage, Maguire initially wanted to determine what makes one good at memorization: extraordinary skills or normal brains structures used in unusual ways

Section 2 (writing)

- **Question #15 -** chosen answer: C, correct answer: B
  - <mark>No explanation needed because we went over this in class</mark>
- **Question #16 -** chosen answer: A, correct answer: C
  - <mark>No explanation needed because we went over this in class</mark>
- **Question #20 -** chosen answer: A, correct answer: D
  - Choice D is correct because prosecuted is the correct word to use in the context of the sentence
- **Question #24 -** chosen answer: D, correct answer: B
  - Choice B is correct because it combines the two sentences the most concisely
- **Question #29 -** chosen answer: B, correct answer: C
  - Choice C is correct because the pronoun "who" properly introduces the riders
- **Question #34 -** chosen answer: D, correct answer: C

- - - Choice C is correct because that is the only way the paragraph would make sense
  - **Question #36 -** chosen answer: A, correct answer: B
    - Choice B is correct because 'undertaken in' correctly defines why and for whom investigative journalism is for
  - **Question #38 -** chosen answer: D, correct answer: C
    - Choice C is correct because it breaks the chronology of the other examples
  - **Question #40 -** chosen answer: C, correct answer: B
    - Choice B is correct because the phrase 'need not entail' would properly reflect the authors point

Section 3 (math nocalc)

- **Question #10 -** answer chosen: C, correct answer: B
  - Choice B is correct because by substituting the equations, factoring out a 4, and factoring it out further you are left with B
- **Question #14 -** answer chosen: D, correct answer: C
  - Choice C is correct because it should be the graph of a decreasing exponential function. We can find the x-intercept by substituting in 0, and from there we can find the corresponding graph
- **Question #15 -** answer chosen: A, correct answer: D
  - Choice D is correct because the 4 dollars per gallon, divided by the 25 miles per gallon, and multiplying that by the number of miles he's driving his car, which gives us the answer we are looking for
- **Question #16 -** correct answer: 4
  - 4 is correct because by creating a equation for the scenario described and solving for h, we are left with 4.5. The nearest whole number would be 4
- **Question #17 -** correct answer: 1.2
  - 1.2 is correct because by distributing, combining like terms, and solving for p, we are left with 1.2
- **Question #18 -** correct answer: 5.25
  - 5.25 is correct because after using substitution to create a one variable equation, we can solve for x, and are left with 5.25
- **Question #19 -** correct answer: 2
  - 2 is correct because after obtaining common denominators, combining both equations, and combining like terms, we are left with the answer

Section 4 (math calc)

- **Question #8 -** answer chosen: D, correct answer: C

- ○ Choice C is correct because after rewriting, distributing, and combining like terms, we are left with the answer
- **Question #13 -** chosen answer: A, correct answer: D
  - ○ Choice D is correct because by substituting in the coordinates into the equations and solving, we are left with the answer that works
- **Question #18 -** chosen answer: B, correct answer: C
  - ○ Choice C is correct because by dividing the diameters of the trees by 10 and subtracting these answers would leave us with 1.3
- **Question #25 -** chosen answer: C, correct answer: D
  - ○ Choice D is correct because by setting up a proportion, setting it up as an inequality, and rewriting it, we are left with the answer
- **Question #26 -** chosen answer: A, correct answer: B
  - ○ Choice B is correct because I missed a step. The answer I got was the length of one side of a cube. To figure out the perimeter I had to multiply that by 4, giving me a
- **Question #27 -** chosen answer: B, correct answer: C
  - ○ Choice C is correct because 14.5 x 8 gives us the original total o the values, 116. 12 x 7 would giv us the new total, 84. Subtracting the two leaves us with 32
- **Question #30 -** chosen answer: A, correct answer: B
  - ○ Choice B is correct because by distributing the expression, we are left with the one in the original problem
- **Question #31 -** correct answer: 1492
  - ○ 1492 is correct because after setting up the proportion correctly and solving we are left with 1492
- **Question #32 -** correct answer: 9.67
  - ○ I got this question incorrect because I rounded up to the wrong digit
- **Question #34 -** correct answer: 9
  - ○ 9 is correct because after substituting the point in for x and y in the equation, that is what we are left with
- **Question #35 -** correct answer: 13
  - ○ 13 is correct because after setting up the equation, distributing, and factoring we are left with two values as our answer. The sum of those two numbers gives us 13
- **Question #36 -** correct answer: 80
  - ○ 80 is correct because by separating the shape into two separate isoceles triangles and solving for the missing angles we are left with 80
- **Question #37 -** correct answer: 43.5
  - ○ 43.5 is correct because by adding up the total distance she drove and dividing that by the 24 minutes it took her, we are left with 43.5
- **Question #38 -** correct answer: 6
  - ○ 6 is correct because after calculating the amount of time she spends on the freeway and converting that to minutes, we are left with a

value that is 33% longer than the original trip. 33% of the value that we just determined is 6.

CB Test #6 Corrections

Section 1 (reading)

- **Question #9** - chosen answer: B, correct answer: A
  - A is correct because in the passage it states that Nawab's new motorcycle leads to "disgust of the farm managers"
- **Question #11** - chosen answer: C, correct answer: B
  - B is correct because several quotes throughout the passage indicates that the purpose was to discuss how people's perception of the news was shifting from being authoritative to informative
- **Question #15** - chosen answer: C, correct answer: B
  - B is correct because two quotes were provided, and one talks about how editors work differently now due to demand and the other offers an opinion. This provides examples about how some journalists feel about modern news
- **Question #20** - chosen answer: A, correct answer: C
  - C is correct because one of the categories only increased by 3 percent while the other two stayed exactly the same
- **Question #24** - chosen answer: A, correct answer: D
  - D is correct because the passage states that the scent of texas gourd plants doesn't just attract bees but the bad guys as well
- **Question #30** - chosen answer: C, correct answer: B
  - B is correct because indifferent means to not care, so in this context it would mean that the bees didn't care which flower they went to
- **Question #42** - chosen answer: C, correct answer: D
  - D is correct because both use abolitionism to argue two different points, not to claim it as their own
- **Question #44** - chosen answer: D, correct answer: A
  - A is correct because the passage says that supply far exceeds demand, painting the picture of a weak market

Section 2 (writing)

- **Question #13** - chosen answer: D, correct answer: A
  - A is correct because indeed appropriately points back to the previous sentence and signals that what follows will amplify what was already said
- **Question #18** - chosen answer: A, correct answer: C

- ○ C is correct because it supports the main point that the reconstructions had to preserve the nature of the tower
- **Question #21** - chosen answer: B, correct answer: A
  - ○ A is correct because the verb advocated and using are appropriate in this context, one is the main verb and the other introduces the phrase
- **Question #22** - chosen answer: D, correct answer: A
  - ○ A is correct because sentence 5 introduces the plan, which is explained in sentences 2, 3, and 4
- **Question #40** - chosen answer: B, correct answer: C
  - ○ C is correct because it is the only answer choice that logically completes the discussion of the silver age as well as provide an appropriate transition to the next paragraph
- **Question #43** - chosen answer: C, correct answer: A
  - ○ A is correct because it shows that from previous information a conclusion can be drawn

Section 3 (math nocalc)

- **Question #4** - chosen answer: B, correct answer: A
  - ○ A is correct because by distributing the left side of the equation, it is seen that p can only equal 2 or -2
- **Question #13** - chosen answer: C, correct answer: A
  - ○ A is correct because by using the equation $b^2 - 4ac$, it can be determined what would give the equation no real solutions. If you solve for t then you are left with the correct answer
- **Question #14** - chosen answer: D, correct answer: A
  - ○ A is correct because it correctly depicts the situation presented in the question

Section 4 (math calc)

- **Question #8** - chosen answer: A, correct answer: D
  - ○ D is correct because the answer asked for the amount of people who chose hot fudge out of the VANILLA flavor
- **Question #19** - chosen answer: A, correct answer: C
  - ○ C is correct because you have to substitute 7.2 into the riser tread formula, giving you 10.6
- **Question #22** - chosen answer: C, correct answer: B
  - ○ B is correct because since there are 21 states, the median will be the 11th state, which is the one with 15 electoral votes
- **Question #23** - chosen answer: B, correct answer: C
  - ○ C is correct because the line that represents the ball reaches the 2 foot mark 3 times

- **Question #27** - chosen answer: B, correct answer: A
  - A is correct because after dividing the equation by 2, we have to complete the square to put the equation in standard form and eventually are left with 5 as the radius
- **Question #28** - chosen answer: B, correct answer: A
  - A is correct because adding inside of the absolute value signs would give you the distance between the points
- **Question #29** - chosen answer: A, correct answer: B
  - B is correct because the question asks for the equation in terms of s/t, so all you do is divide by t and you are left with B
- **Question #34** - correct answer: 5
  - 5 is correct because all you have to do is solve the system of equations
- **Question #36** - correct answer: 2.6
  - 2.6 is correct because by setting up an equation to solve for x, we are left with 2.6

SAT Reading Excercises

Highlighted answers are incorrect

Chapter 1

C, B, C, D, B, A, C, B, D, C, B, D, B, C, D, A, A, B, C, D, A, B, A, B

Chapter 2

Lines 1-6, lines 10-13, lines 6-13, nuclear DNA, lines 1-3, lines 6-9, lines 3-7, father and children, remain united, lines 8-10, lines 3-5, the starlings, lines 3-6, lines 17-20, contagious yawning, eBay, new ways + old ways, the sharing economy, lines 72-75, lines 77-81, lines 2-5, McMurdo Dry Valleys changing with time, lines 69-69

Chapter 3

C, D, C, C, C, A, D, A, C, B, C, D, A, A, B

Chapter 4

C, B, A, B, C

Chapter 5

C, B, C, B, A, C, B, A, A, C, D, C, A, B, D, B, C, C, A, D, B, C, C, A, D, D, B, B, C

Chapter 6

A, C, C, D, C, D, C, B, C, C, D, A, A, B, D, B, D, D, B, C, B, D, C, A, B

Chapter 7

A, A, D, C, D, B, A, D, D, D

Chapter 8

B, A, B, C, D, A, A, B, C, D, A, A, C, B, C, B, A, C, B, A, B, D

Chapter 10

D, A, C, A, B, B, C, A, D, C, B, D

Chapter 11

B, A, C, D, A, D, C, D, C, D, B, A, D, A, C

Chapter 12

B, D, C, A, A, B, C, B, C, D, C, B, B, A, D, D, A, A