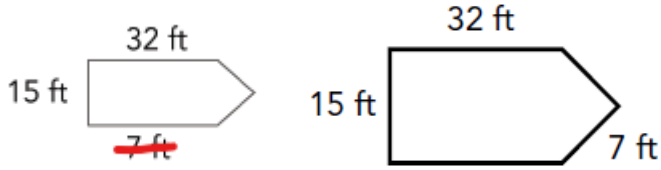
ATI TEAS Study Manual Corrections
(ATI TEAS Study Manual 2022-2023)

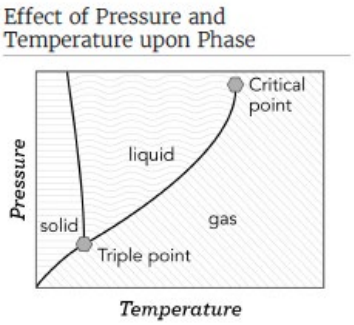
Page(s)	Description	Date of Change
7	4. Which of the following is ~~an~~ **the most** important supporting detail in paragraph 3?	03/11/2022
14	4. Which of the following steps contradicts Step ~~5~~ **4**? A. Step 2 B. Step 4 **5** C. Step 7 D. Step 8	03/11/2022
26	2. In the second panel, imagine that the words “Minimum” and “Preferred” were replaced with the words “Worst” and “Best.” Which of the following describes this change? A. Helpful information B. Prejudice C. ~~Misleading~~ **Factual** information D. Bias	11/01/2022
30	2. Which of the following words or phrases from the passage are chronological signal words **that do not indicate sequence**? A. ~~Since~~ **One day**	04/22/2022
38	3. Which of the following has a similar connotation to the word “cunning”? A. Villainous B. Mischievous C. Brilliant D. ~~Deviant~~ **Guileless**	11/01/2022
65	R.1.1 3. ~~Correct~~ **Option D is correct**. This is the topic sentence of the paragraph. 4. Option A is correct. It states that a detail that supports the main idea of the paragraph. • Options B, C, and D are ~~minor~~ **additional** details that ~~do not belong in a summary~~ **provide further information on how to achieve the heart-healthy diet detailed in option A**.	03/11/2022
66	R.1.3 4. Option C is correct. Step ~~5~~ **4** instructs the user to wear gloves before swabbing the injection site with an alcohol pad, but Step 7 instructs the user to swab the injection site with an alcohol pad before donning gloves.	03/11/2022
66	R.1.6 2. Option A is correct. Chronological signal words ~~indicate a time factor, such as length of time since something occurred~~ **can indicate when something will happen that is not specific to sequence, as in the case of “one day” in this passage**.	04/22/2022

Page(s)	Description	Date of Change
79	31. Which of these sources is most relevant to someone who is **seeking information about** ~~reading to find out~~ what it was like to create a particular community garden? A. A newspaper interview with local expert gardeners involved in the project B. A magazine interview with local business owners who work near the site of the garden C. An article in the local newspaper about the effort to create a community garden D. A video clip on the local news reporting on a potential community garden	11/01/2022
101	Example: Use the lowest common denominator for ~~2/6~~ **2/5**, 1/6, and 4/15 to compare and order the fractions. List the multiples of each denominator: Multiples of 5 are 5, 10, 15, 20, 25, 30, 35, 40, … Multiples of 6 are 6, 12, 18, 24, 30, 36, 42, 48, … Multiples of 15 are 15, 30, 45, 60, 75, 90, 105 … 30 is the least common multiple appearing in each list. Therefore, the least common denominator of ~~2/6~~ **2/5**, 1/6, and 4/15 is 30.	09/07/2022
111	front-end. An estimation method that ~~disregards every digit in a number after the first.~~ **focuses on the first digits of numbers when adding or subtracting and solving a simpler problem.**	11/01/2022
112	1. Which of the following gives the best estimate for the equation? (346.8 × 5.231)/49.6 A. (347 × 5)/50 B. (~~350~~ **340** × 5)/49 C. (300 × 5)/50 D. (346 × 6)/49 … 3. Which of the following metric units best represents the length of a paper clip? A. Meter B. ~~Millimeter~~ **Centimeter** C. Liter D. Milliliter 4. Which of the following is best approximated by kilograms? A. A pet rabbit B. ~~Spilled water~~ **Water spilled from a cup** C. A piece of paper D. A tablet of ibuprofen	11/01/2022
117	4. Three months into a new Internet/phone/cable plan, Alex has paid a total of $360. Ten months into the plan, they have paid a total of $1,130. Which of the following is the **average** rate of change for Alex's cable plan **between months 3 and 10**? A. $110/month B. $113.33/month C. $113.67/month D. $114.00/month	11/01/2022

Page(s)	Description	Date of Change
141	front-end. An estimation method that ~~disregards every digit in a number after the first.~~ **focuses on the first digits of numbers when adding or subtracting and solving a simpler problem.**	11/01/2022
148	3. Option B is correct. Meters and millimeters both measure length: however, because a meter is close to a yard, that unit would be too large to use. A paper clip is small, so ~~millimeters~~ **centimeters** is the most appropriate unit. 4. Option A is correct. A pet rabbit's weight can be measured in kilograms. Spilled water **from a cup**, a piece of paper, and a tablet of ibuprofen all have small masses that would be measured in units smaller than kilograms.	11/01/2022
151	2. Option ~~D~~ **C** is correct. The missing horizontal segment is 34 – 20 – 7 = 7 ft. The missing vertical segments are 20 – 8 = 12 ft. The combined perimeter is 34 + 8 + 8 + 7 + 7 + 12 + 12 + 20 = 108 ft.	11/01/2022
153	~~22 + 14 ÷ (7/17) – 42 × 3~~ **(22 +14 ÷ 7)/(17 – 42 × 3)** 2. Which of the following is the correct value of the given expression?	03/24/2022
153	7. A. 2 hr and ~~12~~ **24** min	03/24/2022
154	13. C. **-**√4, 5/8, 3/5, √9	11/01/2022
156	Use the figure below to answer the question. 	03/24/2022
157	32. C. ~~1/26~~ **9/14**	04/14/2022
159	7. A. CORRECT. The total area of all the lawns must be determined first and then divided by the area mowed in a minute: $[(20 \text{ ft} \times 30 \text{ ft})^2 + (200 \text{ ft} \times 45 \text{ ft})^2 + (50 \text{ ft} \times$ ~~60~~ **50** $\text{ft})^2 + (90 \text{ ft} \times$ ~~60~~ **90** $\text{ft})^2 + (150 \text{ ft} \times 95 \text{ ft})^2]/240^2 = x$. This number must then be converted to hours and minutes: x = ~~132~~ **143.54** converted is 2 hr and ~~12~~ **24** min.	03/24/2022
161	30. A. This represents an incorrect method for setting up dimensional analysis. B. CORRECT. This represents a correct way to set up dimensional analysis to convert the **unit** rate of the item ~~back home into~~ **from ounces to** liters. Then a comparison can be made between the per liter **rates** ~~rate at home and the per liter rate in Italy~~. C. This represents an incorrect method for setting up dimensional analysis. D. Do not use $1.99/1 L as your conversion factor.	11/01/2022

Page(s)	Description	Date of Change
165	IN IMAGE: Digital ~~of~~ **or** phalangeal – toes	11/01/2022
168	The respiratory system's main function is to perform the critical tasks involved in transporting oxygen from the atmosphere into the body's ~~cells~~ **blood** and removing carbon dioxide from the body's cells.	11/01/2022
169	Bronchioles terminate in alveoli, which are ~~single-cell,~~ thin-walled **(one cell thick)** structures that **organize to** look like clusters of grapes. Alveoli are the sites of gas exchange. ~~Alveoli~~ **Besides the type I alveolar cells that make up the alveolar wall, alveoli** have type II alveolar cells that release a lipoprotein called surfactant, a substance that reduces the surface tension.	11/01/2022
172	ADDED VOCABULARY DEFINITION: **hormone. A chemical messenger produced by a gland and transported by the bloodstream that regulates specific processes in the body.** **tissue. A group of cells with similar structure that function together as a unit, but at a lower level than organs.**	11/01/2022
173	The open circulatory system's capillaries drain interstitial fluid that fills the spaces between the cells and filter it through a system of lymph nodes that are enriched in lymphocytes and macrophages ~~and~~ **that** provide surveillance by the immune system.	11/01/2022
174	REMOVED VOCABULARY DEFINITION: ~~peristalsis. A series of muscle contractions that move food through the digestive tract.~~	11/01/2022
176	Bile ~~is a~~ **contains** chemical**s** that aid~~s~~ in digestion**; it** ~~but~~ is not an enzyme.	11/01/2022
179	3. Which of the following describes the role of the central nervous system? A. It transmits electrical signals to muscles. B. It ~~connects the brain to the rest of the body~~ **transmits sensory information**. C. It controls the regulation of body systems. D. It sends messages from the body to the spinal cord.	11/01/2022
180	Smooth muscle can be found in the walls of hollow organs, such as the stomach and intestines; in the walls of passageways, such as blood vessels; and elsewhere throughout the body, such as the eyes, the tracts of the reproductive system, and the skin. It is the weakest of all muscle tissues and is ~~often called~~ **considered** involuntary muscle because it is controlled by the unconscious part of the brain.	11/01/2022
181	diabetes. Pathologically high blood sugar levels that result from a pancreatic hormone regulation malfunction.~~diastole. The portion of the cardiac cycle in which the heart refills with blood.~~	11/01/2022
188	In particular, you will need to be familiar with ~~the~~ homeostasis, positive and negative feedback mechanisms, and the relationship between the endocrine system and the central nervous system.	11/01/2022
189	collagen. ~~Tough, flexible connective tissue found in parts of the body such as the ear.~~ **The primary structural protein of connective tissue.**	11/01/2022
190	The cells of the pancreas are able to adjust the amount of hormone they secrete in proportion to the amount of blood glucose they detect. When the blood sugar levels are too high, the beta cells of **the** pancreas release the hormone insulin.	11/01/2022

Page(s)	Description	Date of Change
193	Here, material is filtered from the blood. This material is called “filtrate” and includes water, urea, glucose, salts, and other small molecules. Then, the filtrate moves through the **proximal** tubule. Water and other important substances to the body are reabsorbed through the capillaries back into the blood.	11/01/2022
194	5. In two to three sentences, explain the ~~purpose~~ **role** of blood pressure ~~in~~ **and** the kidney.	11/01/2022
198	1. Which of the following **is a barrier that** helps to prevent pathogens from invading the body?	11/01/2022
199	You will also want to be familiar with diseases of the skeletal system, such as osteoporosis and **osteo**arthritis.	11/01/2022
200	~~epiphyseal~~ **growth** plate. Hyaline cartilage in long bones where bone elongation happens. Also known as the ~~growth~~ **epiphyseal** plate. short bones. Bones that are similar in both ~~height~~ **length** and width, such as those found in the wrist. They have limited articulation with each other as gliding joints.	11/01/2022
201	IN IMAGE: Added arrow for Volkmann’s canal	11/01/2022
204	cell (plasma) membrane. A ~~cell organelle that~~ **membrane that surrounds the cell and** maintains its **internal** environment through the property of selective permeability. cytoplasm. The material within a eukaryotic cell that supports and suspends structures inside the cell membrane and transfers materials required for cellular processes. organelle. A specialized part of a cell that has a specific function and is found in the cell’s cytoplasm.~~organic molecule. A molecule found in a living thing that contains carbon.~~	11/01/2022
218	Monomers are **broken down, and the energy is extracted and stored in** ~~also used to fuel the conversion of energy into~~ adenosine triphosphate (ATP) **bonds to fuel the cell's energy needs**.	11/01/2022
220	Each ~~of~~ amino acid has different properties because of its different side group. In proteins, the link between amino acids is a covalent bond called a “peptide bond.”	11/01/2022
221	Errors in the precise sequence of nucleotides are referred to as mutations that typically interfere with protein structure and function. Nucleic acids can be found in small amounts in all foods that contain ~~proteins~~ **cells**.	11/01/2022
222	protozoans/protists. Unicellular ~~aerobic~~ eukaryotes. They are the largest group of organisms in the world in terms of numbers, biomass, and diversity. parasites. Microbes that are not free-living and must find a host from which to gain nutrients. host. A larger organisms on**/in** whose body a parasite lives.	11/01/2022
224	The microscope is one of the most important tools of the microbiologist. It was invented in the 1600s when Anton Van Leeuwenhoek built a simple model consisting of a tube, magnifying lens, and a stage ~~to make a tube, magnifying lens, and stage~~ to make the first visual discoveries of microbes and circulating blood cells.	11/01/2022

Page(s)	Description	Date of Change
232	You also need to be able to explain how the movement of the molecules is related to the state of ~~matte,r~~ **matter,** as well as the transition between different phases of matter.	11/01/2022
233	ADDED IMAGE  	11/01/2022
235	Group IA elements lose one valence electron, leaving an imbalance between the number of positive protons in the nucleus and electrons~~. The result are~~ **, resulting in** positive cations with a +1 charge, with an outermost shell similar to a noble gas. For example, sodium (Na) loses the only electron in its valence shell, so now the Na+ ion has the same number of electrons as neon (Ne) and therefore is more stable. Magnesium (Mg) can lose 2 valence electrons, forming Mg~~2+~~$^{2+}$, which also has the same number and configuration of electrons as Ne. … Elements in Group VIIA—such as fluorine (F), chlorine (Cl), and bromine (Br)—gain one electron and thus end up with more electrons than the number of protons in the nucleus~~. They make~~ **, becoming** negative anions with a -1 charge (F-, Cl-, and Br-). Because they end up with the same number of electrons as the neighboring noble gas, they achieve stability. Group VIA elements oxygen (O) and sulfur (S) gain 2 electrons, forming O~~2-~~$^{2-}$ and S~~2-~~$^{2-}$ ions and noble gas valence electron configurations for stability.	11/01/2022
238	This can be translated to atom or molecule numbers, because one mole of anything (carbon atoms, table salt, apples, pennies) contains exactly 6.022 × 10~~23~~^{23} particles **(Avogadro's number).** **…** ~~In the equation 2NaI+Pb(NO3)2 → 2NaNO3+PbI2, the coefficients represent moles. This means that 2 moles of NaI react with 1 mole of Pb(NO3)2 to make 2 moles of NaNO3 and 1 mole of PbI2.~~ ~~To translate this to grams, the molecular mass of each compound has to be calculated using the periodic table. NaI has a molecular mass of 149.9 amu (Na = 23.0 amu; I = 126.9 amu). Pb(NO3)2 has a molecular mass of 331.2 amu (Pb = 207.2 amu; N = 14.0 amu; O = 16.0 amu). In the reaction, the reactants have to be mixed in a proportion that results in the appropriate molar quantities: 2 moles of NaI are equal to 299.8 g, and 1 mole of Pb(NO3)2 weighs 331.2 g. You can see that mixing 2 g of NaI and 1 g of Pb(NO3)2 would not be equimolar quantities.~~	11/01/2022
241	In tissue that is undergoing metabolism, O2 is consumed; thus a reactant for this process is disappearing and the reaction shifts to the ~~right~~ **left** in response. Endothermic reactions absorb heat and shift to the ~~left~~ **right** as temperature rises. Exothermic reactions shift to the ~~right~~ **left** upon a temperature increase.	11/01/2022

Page(s)	Description	Date of Change
243	This objective includes, but is not limited to, the following examples of knowledge, skills, and abilities. • Describe the polarity of water and its influence on water as a solvent. • Distinguish between solvents and solutes. • Explain concentration and the dilution of solutions. • Describe osmosis and diffusion. · **Distinguish between passive and active transport mechanisms.**	11/01/2022
244	This carbon dioxide will move out of the capillaries and diffuses across the respiratory membrane into the ~~lungs~~ **air of the lung alveoli**. This decreases the carbon dioxide in the blood. The air in the lungs, which is rich in carbon dioxide, is then exhaled.	11/01/2022
259	2. B. If presented with ~~an unripe~~ **a rotten** banana, fruit flies will be attracted to it.	03/24/2022
262	cartilage. ~~The primary structural protein of connective tissue.~~ **Tough, flexible connective tissue found in parts of the body such as the ear.**	11/01/2022
263	collagen. ~~Tough, flexible connective tissue found in parts of the body such as the ear.~~ **The primary structural protein of connective tissue**	11/01/2022
269	short bones. Bones that are similar in both ~~height~~ **length** and width, such as those found in the wrist. They have limited articulation with each other as gliding joints.	11/01/2022
273	S.1.3 5. ~~Ventricles use a large amount of pressure to push blood to different parts of the body. This puts quite a bit of force on these chambers, requiring them to be thicker.~~ **The right and left ventricles have thicker walls than the two atria. Thicker muscular walls are needed to generate the pressure to pump blood out of the heart to the pulmonary and systemic circuits.**	11/01/2022
276	S.1.9 3. Option B is correct. The pineal gland secretes melatonin, which helps regulate the body's sleep cycle. ~~4.~~ • Growth hormone is secreted by the pituitary gland. Insulin and glucagon are secreted by the pancreas. Luteinizing hormone is released by the pituitary gland. **4.** ~~•~~ Option B is correct. The adrenal glands release epinephrine. Although the other glands listed release hormones, only the adrenal gland secretes epinephrine.	11/01/2022
277	S.2.1 4. Option ~~D~~ **A** is correct. The nucleus is responsible for housing DNA, which stores genetic information.	04/29/2022

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278	S.2.5 1. Option C is correct. Pathogens are disease-causing micro-organism**s**. Decomposers are organisms that decompose organic material. Prokaryotes are a distinction of cells that lack a nucleus. Eukaryotes are a type of cell that have a nucleus. 2. Option A is correct. ~~Virus can be categorized as a~~ **Every virus's core contains either** DNA or RNA ~~virus~~ **as its genetic material**. Enzymes are protein catalyst**s**, not a virus. Viruses contain either RNA or DNA, never both. 3. Option D is correct. The electron microscope is able to achieve magnification of specimens that far exceeds that of any light microscope and with greater resolution. Bright-field, dark-field and fluorescence microscopes are a type of light microscope**s**.	11/01/2022
280	S.3.5 1. 0.05 kg = 0.05 × 10,000 = 50,000 mg = **50,000** ~~55~~ ppm	06/21/2022
280	S.3.4 2. Option A is correct. Adding a reactant increases the likelihood of collisions forming products. • Increasing the temperature increases the rate of endothermic reaction, not exothermic. • Adding a product decreases the rate. • Increasing the pressure increases temperature, and drives this exothermic reaction to the left, slowing down the forward reaction. ~~• Time does not have an effect on activation energy.~~ 3. Option C is correct. Catalysts lower the activation energy. • Reactants are converted to products more readily with a catalyst because the catalyst lowers the energy barrier. ~~Adding product would slow the reaction and has no effect on the activation energy.~~ **• Adding product would slow the reaction and has no effect on the activation energy.** **• Time does not have an effect on activation energy.**	11/01/2022
281	S.4.1 4. The correct answer is 25**0** cm^3. To find the mass, you would multiply the length, width, and height.	03/24/2022
281	S.4.2 2. **Option C is correct. Placebos are used to try to eliminate bias.** ~~Option A is correct. The clients were treated at the same time of day.~~ ~~• All clients, except Client 4, had similar starting pain levels.~~ ~~• Clients were all administered the same dose of medication.~~ ~~• The experimenter tailored directions independently for each client.~~	03/24/2022
281	S.4.1 1. Option C is correct. 1.5 meters would be the correct height for an adult human. • The width of a fingernail is 1.5 mm, which is quite small. • The width of a small insect is 1.5 cm, which is also quite small. • A measurement of 1.5 km is quite large; ~~15 meters~~ **1.5 kilometers** is ~~taller than most buildings~~ **4921.26 feet**.	11/01/2022

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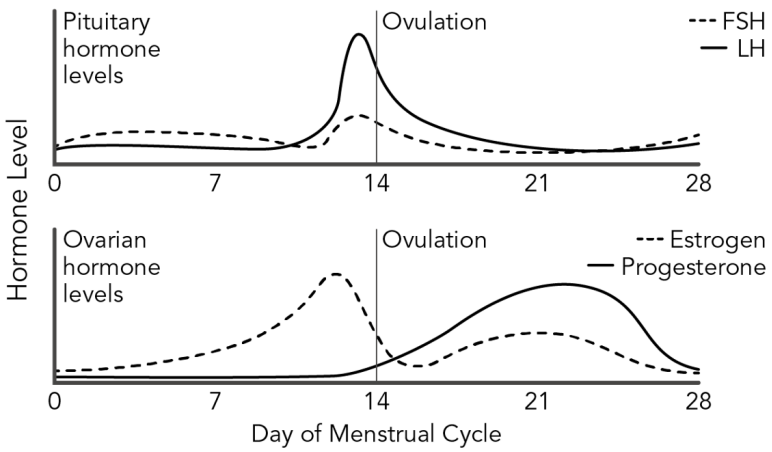
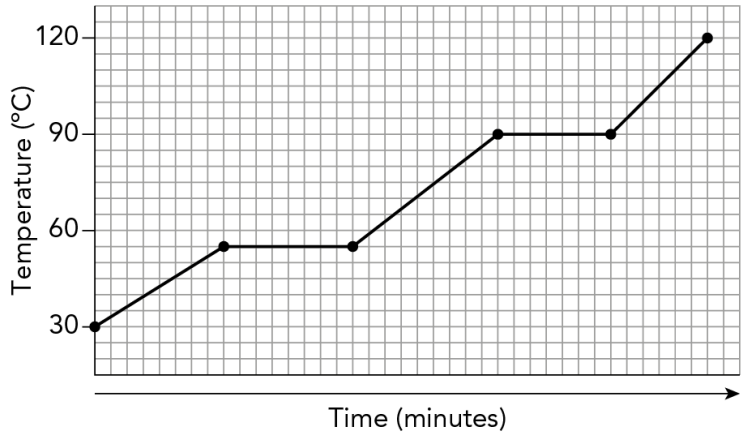
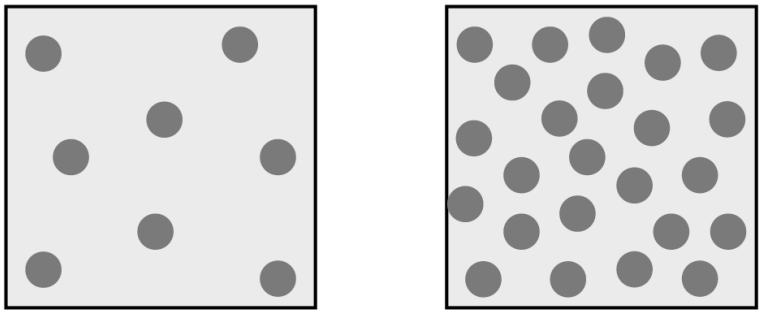
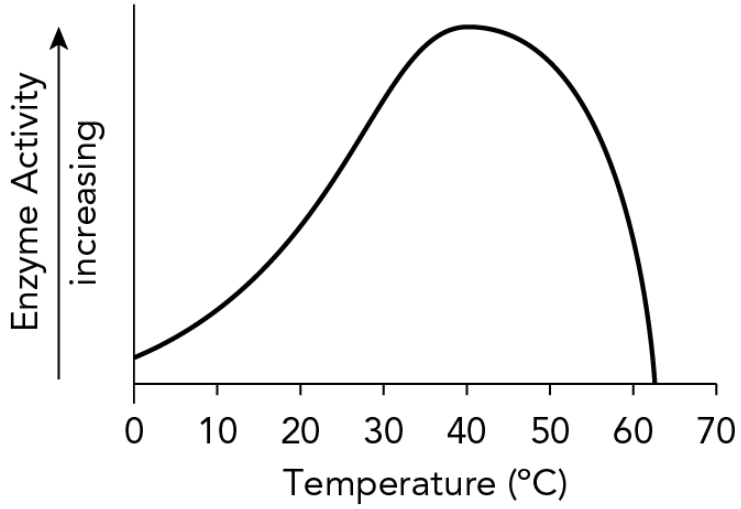
281	S.4.2 1. Option A is Correct. All three clients reduced their pain levels after taking the medication. • Because clients reported a decrease in pain levels, there is no evidence that the pain medicine does not affect pain levels. • The size of the dose was not tested in this experiment. • The time the medicine was given was not ~~done~~ **being tested** in this experiment. 2. Option ~~A~~ **C** is correct. The clients ~~were treated at the same time of day~~ **who did not receive the medication received a placebo instead**. • ~~All clients, except Client 4 had similar starting pain levels.~~ **There is no indication pain levels were highest at 8 am.** • ~~Clients were all administered the same dose of medication.~~ **Client 4 had a lower starting pain level than clients 1, 2, and 3.** • ~~The experimenter tailored directions independently for each client.~~ **Always following the same procedure would increase the data's reliability, but not necessarily by eliminating bias.** 3. Option D is correct. Keeping conditions the same is a control variable. • The independent variable is the medication. • The dependent variable is the pain rating. • The data in the experiment is provided in the table. 4. Option C is correct. Increasing the sample size would strengthen the data set. ~~B.~~ • Option A and Option B are ways to test other variables. ~~C.~~ • Option D would weaken the data because there would not be a group to compare with.	11/01/2022
283	8. According to the graph…  	05/19/022
283	10. Which of the following would result from a decrease in body temperature? A. Blood vessels near the surface of the body would dilate. B. Blood vessels near the surface of the body would constrict. C. ~~Sebaceous~~ **Sweat** glands would excrete ~~water~~ **sweat**. D. Cheeks would become more flushed.	11/01/2022
284	18. ~~What is~~ **Rearrange the terms below in** the order of **the** anatomical subregions**.** ~~in the anterior view of the upper limb?~~	11/01/2022

Page(s)	Description	Date of Change
285	27. Which of the following microscopic organisms are decomposers and the cause of many skin diseases? A. Protozoans B. **Algae** ~~Bacteria~~ C. Fungi D. Viruses	09/07/2022
285	29. …According to the graph…  	05/19/2022
285	29. A substance in a solid state is put on a hot plate with a thermometer. Every minute, the temperature of the substance is recorded. According the graph, what is happening to the substance? A. As heat is added, the substance is becoming more and more dense. B. As heat is added, the particles holding the substance together are becoming stronger. C. As heat is added, ~~the forces holding the particles together are breaking, changing the state.~~ **substance absorbs energy, and its temperature increases.** D. As heat is added, the substance is maintaining room temperature by absorbing the energy.	11/01/2022
286	31. The diagram shows… 	05/19/2022

Page(s)	Description	Date of Change
286	38. …Based on the graph…  	05/19/2022
286	**N_2**+ 3H~~2~~$_2$ → 2NH~~3~~$_3$ 34. Which of the following will increase the rate of the exothermic reaction shown above? A. Decreasing the pressure B. Increasing the temperature C. Adding a catalyst D. Adding ammonia (NH3) CH~~3~~$_3$COOH + H~~2~~$_2$O ⇄ CH~~3~~$_3$COO- + H~~3~~$_3$O$^+$ 35. Which of the following is true about the above reaction of acetic acid (CH3COOH) and water?	11/01/2022
287	41. ~~Based on the data, daphnia that are given too much caffeine may die.~~ Which of the following experimental practices would strengthen the conclusion made about daphnia and caffeine?	11/01/2022
289	10. A. Blood vessels dilate when the body temperature rises to allow blood to release heat through the skin. B. CORRECT. To prevent heat from leaving through the surface of the skin, blood vessels constrict so that less blood is carried to the surface of the skin to maintain core body temperature. C. ~~Sebaceous~~ **Sweat** glands excrete ~~water~~ **sweat** when the body temperature rises. When the ~~water~~ **sweat** evaporates, it has a cooling effect. D. Cheeks flush when the body temperature rises to allow blood to release heat through the skin.	11/01/2022
289	14. C. **Urea and other wastes are removed from the blood by filtration in the kidney to make urine.** Urine is ~~the name for the fluid secreted by the urinary bladder~~ **removed from the body** through the urethra~~. It contains substances that the body needs to get rid of.~~	11/01/2022

Page(s)	Description	Date of Change
291	27. A. Protists can be decomposers, but they are not associated with causing skin diseases. B. **Algae are not decomposers but producers because they make their own food through photosynthesis.** ~~Bacteria can be considered decomposers, but they are not associated with causing skin diseases.~~ C. Correct. Fungi are decomposers and are known for causing skin diseases such as ringworm and athlete's foot. D. Viruses are not decomposers, though some viral diseases can affect the skin.	09/07/2022
292	32. A. CORRECT. A mole is a unit that corresponds to 6.022 x 10~~23~~**23** particles of anything; using it preserves the correct relationship between all substances in the equation. B. Since each element has a different atomic mass and we sum the atomic masses to get masses of compounds, grams will not preserve the correct ratio of each substance. C. All of the substances in the reaction contain atoms, but they are compounds, and the coefficients are multipliers of the entire compound, not individual atoms. D. All substances in this reaction are ionic compounds, not molecules. 33. Molarity is calculated by dividing the moles of solute by the total liters of solution. Molarity (M) = moles of solute / liters of solution M = 0.02 mol / (200 mL / 1000) M = 0.02 mol / 0.2 ~~LM~~ **mL** = 0.1 **M**	11/01/2022
299	Read the sample and answer the following question. The explorers became thirstier and their vision blurred as they travelled **farther** ~~further~~ across the arid desert and tryed to make their way to the oasis.	11/01/2022
327	1. In which of the following options does the suffix create a word that is a different part of speech from the base word? (Select all that apply.) A. Goodness B. Demonstrated C. ~~Running~~ **Shinier** D. Writes E. Lifelike	11/01/2022
331	E.1.2 1. Options A and ~~C~~ **D** are correct. These sentences have two independent clauses and are correctly punctuated by including a comma before the conjunction. • Option B has two independent clauses, so a comma should be used before the conjunction that separates the clauses. • Option ~~D~~ **C** is not a compound sentence because there is only one subject ("I"). The comma before the "and" should not be included.	03/11/2022

Page(s)	Description	Date of Change
332	E.1.3 3. ~~Option B is correct. The clause "Even though swimming is difficult" is not a complete sentence because it begins with the subordinating words "even though" and does not express a complete thought.~~ **Options B and D are correct. Each of these clauses begins with subordinating words and does not express a complete thought.** • Option A is an independent clause and therefore a complete sentence. The subject is "swimming," and the verb is "is." • Option C is an independent clause and therefore a complete sentence. The subject is "there," and the verb is "are." • ~~The clause "including the backstroke and the sidestroke" is not a complete sentence because it begins with the subordinating word "including."~~ • Option E is a complex sentence. It contains the dependent clause "Although learning to swim is time-consuming" and the independent clause "everyone should learn to do it."	03/11/2022
335	1. Options A and E are correct. The suffix "-ness" changes the base adjective "good" to a noun indicating the quality of being good. The suffix "-like" changes the base noun "life" to an adjective. • The suffix "-ed" does not change the part of speech. It changes the tense of the verb. • The suffix "~~-ing~~ **er**" does not change the part of speech. It **creates a comparative and superlative version of the adjective** ~~changes the tense of the verb~~. • The suffix "-s" does not change the part of speech. It changes the tense of the verb.	11/01/2022
394	16. C. **CORRECT**. Kelly is referencing sources… D. ~~CORRECT~~. Kelly is not writing a revision…	09/20/2022