

Unit 2 assignment

Overall Instructions: Complete the following exercises. You will be graded only on completion. After you submit each answer, a “model answer” will appear. Compare your answer with the model answer, keeping in mind that more than one answer may be acceptable.

For the more challenging editing exercises (questions 5 through 10), use your best judgment to infer the author’s intent. To make editing easier, look up technical terms that are unfamiliar to you.

1. Which of the following sentences is in the active voice?
 - a. Data entry errors were made.
 - b. A link between smoking and breast cancer has been suggested by multiple studies.
 - c. The research demonstrates the flaw in their theory.
 - d. Multiple reactions are initiated by adding hydrogen peroxide to the solution.

Answer: (c)

2. Rewrite the following sentence to put it into the active voice:
The predicted sharp edges characteristic of a cosmic string were observed by several teams.

Answer: Several teams observed the predicted sharp edges characteristic of a cosmic string.

3. What is a single verb that means the same as “have a discussion”?

Answer: discuss

4. What is a single verb that means the same as “provide a recommendation”?

Answer: recommend

5. Change the following sentence into the active voice; also revise the sentence for clarity and brevity: The animal numbers for each group are chosen to achieve an adequate sample size to be able to observe a signal for effect in the behavioral tests.

Model Answer: We determined the minimum sample size needed to observe a signal in the behavioral tests.

6. Change the following sentence into the active voice; also revise the sentence for clarity and brevity: The validity of self-report of raised nevi over the telephone was evaluated in comparison to dermatological examination among a sub-sample of 25 subjects from the total sample of 100.

Model Answer: To evaluate the validity of self-report of raised nevi, we administered a skin exam to a quarter of the subjects.

7. Revise the following sentence for clarity and brevity: Ideally, everything about a model should be made public, but that may be impractical because the necessary documentation can be massive and highly technical requiring specialized knowledge to follow, and there may be a need to protect intellectual property.

Model Answer: Ideally, the full model details should be made public, but this may be impractical if the documentation contains intellectual property or is too massive or highly technical.

8. Revise the following sentence for clarity and brevity: This suggests that a high priority of providers, managers of health care, and researchers should be the identification and evaluation of approaches to improving the cost-effectiveness of managing the most prevalent chronic disease conditions in the general population.

Model Answer: Thus, a high priority should be given to identifying and evaluating cost-effective strategies for managing common chronic diseases.

Or put into active voice: Thus, health care specialists should give a high priority to identifying and evaluating cost-effective strategies for managing common chronic diseases.

9. Revise the following passage for clarity and brevity; also, put the whole thing into the active voice: We classified injuries as initial or subsequent injuries. An initial injury was defined as the athlete's first injury incident during the season. Subsequent injury was defined as any injury that occurred after the initial injury, including re-injury to the same body part or a subsequent new injury to a different body part. Total injuries included all injuries recorded, initial and subsequent.

Model Answer: We subdivided total injuries into initial and subsequent. An initial injury was the athlete's first injury during the season; a subsequent injury was any that occurred after the initial injury (including re-injury to the same body part).

10. Revise the following sentence to fix the buried verb; also improve clarity and brevity: The lower external joint moments at the knee and hip joints, the lower mechanical work at the knee joint during stance, the lower energy loss in the prosthetic ankle joint, and the lower total body mechanical work in each ground contact leads to the assumption that running with dedicated prostheses allows the double transtibial amputee sprinter to run at the same level of performance as able-bodied controls, albeit, at lower metabolic costs.

Model Answer: The prostheses provides the double transtibial amputee sprinter with several advantages that may reduce his metabolic costs relative to able-bodied controls, including: lower external joint moments at the knee and hip, lower energy loss in the ankle joint, and lower mechanical work with each foot strike.