



Power Up: Reading ACT Prep Week 4

Identifying Comparative Relationships





Essential Question

How can I increase my ACT score?



Learning Objectives

- Analyze how to approach the paired passages section of the ACT reading test.
- Identify comparative relationships.

ACT Reading Test

How many passages are on the reading section of the ACT?

Passage A

The first part of the passage discusses the importance of maintaining accurate records in a laboratory setting. It emphasizes that precise data collection is essential for conducting reliable experiments and drawing valid conclusions. The author notes that even minor errors in measurement or recording can lead to significant discrepancies in the results, which may ultimately affect the entire study.

In the second part, the author describes various techniques used to ensure the accuracy of the data. These include double-checking measurements, using calibrated instruments, and maintaining a consistent protocol throughout the experiment. The text also highlights the importance of labeling samples and reagents correctly to avoid confusion and cross-contamination.

The final section of the passage discusses the role of data analysis in interpreting the experimental results. The author explains that once the data has been collected, it must be carefully analyzed to identify any trends or anomalies. This process often involves statistical methods to determine the significance of the findings and to estimate the margin of error. The author concludes by stating that thorough data analysis is a critical step in the scientific process, as it allows researchers to draw meaningful conclusions from their observations.

Passage B

The first part of the passage discusses the importance of maintaining accurate records in a laboratory setting. It emphasizes that precise data collection is essential for conducting reliable experiments and drawing valid conclusions. The author notes that even minor errors in measurement or recording can lead to significant discrepancies in the results, which may ultimately affect the entire study.

In the second part, the author describes various techniques used to ensure the accuracy of the data. These include double-checking measurements, using calibrated instruments, and maintaining a consistent protocol throughout the experiment. The text also highlights the importance of labeling samples and reagents correctly to avoid confusion and cross-contamination.

The final section of the passage discusses the role of data analysis in interpreting the experimental results. The author explains that once the data has been collected, it must be carefully analyzed to identify any trends or anomalies. This process often involves statistical methods to determine the significance of the findings and to estimate the margin of error. The author concludes by stating that thorough data analysis is a critical step in the scientific process, as it allows researchers to draw meaningful conclusions from their observations.

Questions 1-3 about Passage A.

1. The author's primary purpose in writing this passage is to
 - describe the importance of accurate data collection.
 - provide a step-by-step guide to laboratory procedures.
 - compare different experimental techniques.
 - analyze the results of a specific experiment.
2. According to the passage, which of the following is NOT a technique used to ensure data accuracy?
 - Using calibrated instruments.
 - Double-checking measurements.
 - Maintaining a consistent protocol.
 - Labeling samples and reagents.
3. The author suggests that data analysis is important because it
 - allows researchers to identify trends and anomalies.
 - helps to estimate the margin of error.
 - determines the significance of the findings.
 - all of the above.

Questions 4-7 ask about Passage B.

4. The author's main point in this passage is to
 - emphasize the need for precise data collection.
 - describe the various techniques used in the laboratory.
 - analyze the results of the experiment.
 - compare the two passages.
5. According to the passage, which of the following is a key factor in ensuring data accuracy?
 - Using calibrated instruments.
 - Double-checking measurements.
 - Maintaining a consistent protocol.
 - Labeling samples and reagents.
6. The author suggests that data analysis is important because it
 - allows researchers to identify trends and anomalies.
 - helps to estimate the margin of error.
 - determines the significance of the findings.
 - all of the above.
7. The author's primary purpose in writing this passage is to
 - describe the importance of accurate data collection.
 - provide a step-by-step guide to laboratory procedures.
 - compare different experimental techniques.
 - analyze the results of a specific experiment.

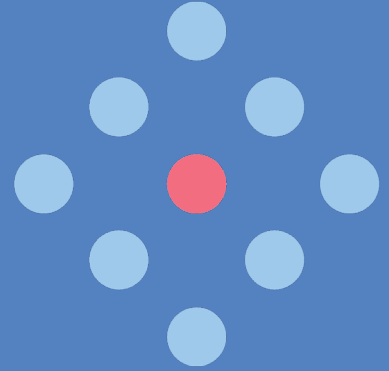
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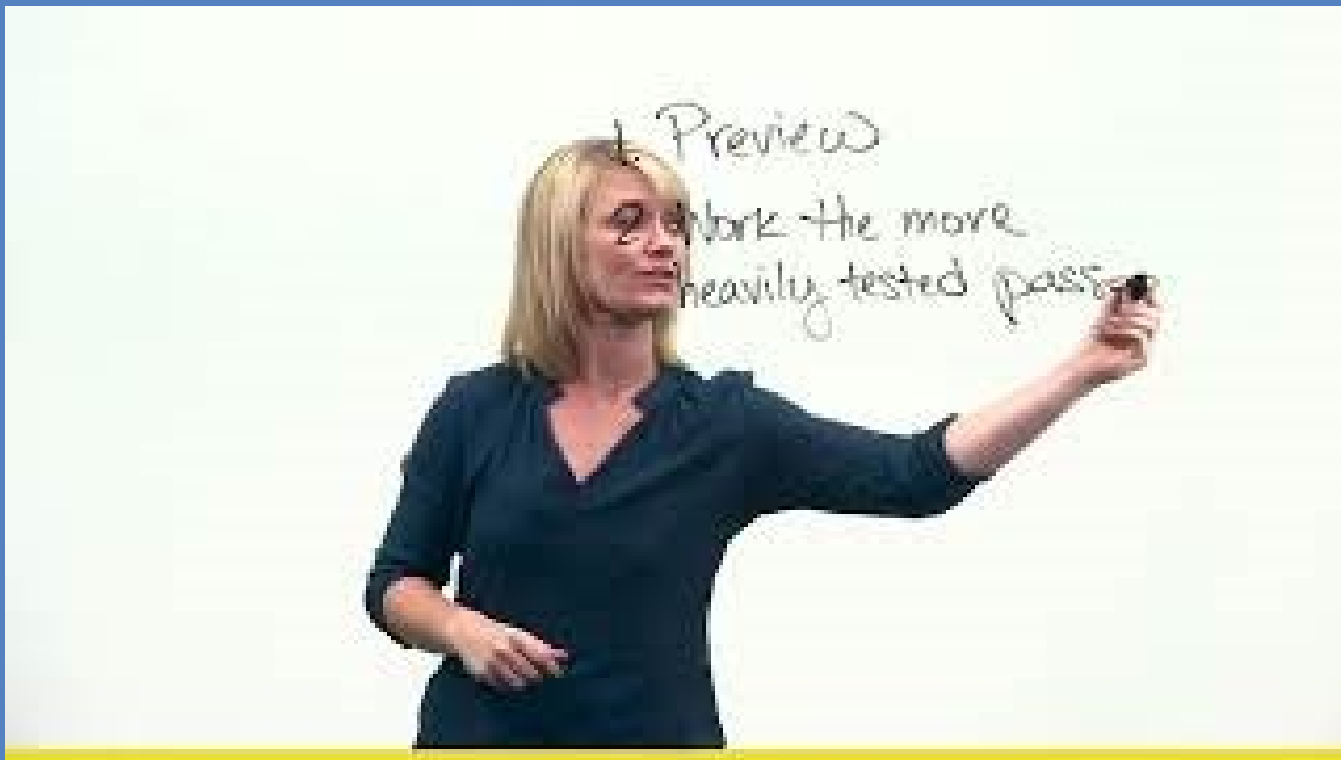
Questions 8-10 ask about both passages.

8. The author's primary purpose in writing this passage is to
 - describe the importance of accurate data collection.
 - provide a step-by-step guide to laboratory procedures.
 - compare different experimental techniques.
 - analyze the results of a specific experiment.
9. The author's primary purpose in writing this passage is to
 - describe the importance of accurate data collection.
 - provide a step-by-step guide to laboratory procedures.
 - compare different experimental techniques.
 - analyze the results of a specific experiment.
10. The author's primary purpose in writing this passage is to
 - describe the importance of accurate data collection.
 - provide a step-by-step guide to laboratory procedures.
 - compare different experimental techniques.
 - analyze the results of a specific experiment.

Point of Most Significance

- View the video about the paired passages section of the ACT reading test.
- As you view, think of the most important tip that stood out to you.





ACT Reading Practice: How to Handle Dual Passages

Approaching a Paired Passage

- There are two passages, labeled A and B.
- There are ten questions, some about Passage A, some about Passage B, and some about both.
- Practice using what you have learned from the video.
- Don't begin until the timer starts.

Passage A

- Read Passage A.
- Answer the questions that correspond to Passage A.
- You have 4 minutes to complete this portion.



4-Minute Timer

Passage B

- Read Passage B.
- Answer the remaining questions.
- You have 5 minutes to complete this task.



5-Minute Timer

Paired Passage Reflection

- How did the tips from the video help with completing the questions in the allotted time?
- If on the actual ACT, Passage B has more questions than Passage A, what would the best approach be?

Answers

1. B

2. F

3. C

4. F

5. B

6. G

7. C

8. G

9. B

10. F



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