

Compare a Data Pattern With a Claim



Use the matching sheet ID when checking answers.

Use the material to work through each task. Show the requested response.

1. How many tasks are recorded at 30 minutes?

Answer: 5

2. What is the range of the task counts?

Answer: 6

3. Describe the overall pattern.

Look for:

- Uses an overall pattern rather than one row.

One possible response: Higher practice minutes are associated with more completed tasks in these records.

4. Does the table prove practice time alone caused the difference?

Look for:

- Separates association from causation.

One possible response: No; other conditions could differ.

5. Would predicting a result at 500 minutes be well supported by this table?

Look for:

- Recognizes extrapolation limits.

One possible response: No; 500 is far outside the observed range.

6. Suggest information that would improve the comparison.

Look for:

- Names a relevant condition or additional observation.

One possible response: Comparable task difficulty, starting skill and repeated observations.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.