

Compare a Data Pattern With a Claim



Name: _____ Date: _____

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

Invented club data

Invented practice data or scenario; not a report of a real study.
These five observations are invented. No students were randomly assigned and no other conditions were controlled.

Practice minutes	Completed tasks
10	2
20	4
30	5
40	7
50	8

1. How many tasks are recorded at 30 minutes?

2. What is the range of the task counts?

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3. Describe the overall pattern.

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

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

6. Suggest information that would improve the comparison.
