

Final Synthesis, Reflection, and Competition Transfer

g12_u09_w36

Interpret original fictional paper models only. Do not collect data, conduct experiments, operate devices, intervene, recommend, or make real-world decisions.

Model A labels a 3.0-unit change with ± 0.2 uncertainty. **Model B** labels a lower final state and a high barrier. **Model C** reports two associated fictional trends within a narrow boundary.

1. What does Model A's unit label communicate?

2. Write A's interval.

3. Why is the interval not a complete explanation?

4. What question does B's lower-final-state label address?

5. What question does B's high-barrier label address?

6. Why can both B labels be compatible?

7. What does C directly report?

8. What causal claim does C not establish?

9. Name one boundary C should retain.

10. What would a control comparison contribute?

11. Write a bounded claim using A.

12. Write a bounded claim using B.

13. Write a bounded claim using C.

14. Which model is most relevant to a quantity-and-uncertainty question?

15. Which model is most relevant to a rate-pathway question?

16. Which model is most relevant to an association question?

17. Name one accessibility feature for a graph of A.

18. Write one reflection about a misconception you would now avoid.

19. Write one competition strategy for an unfamiliar chemistry model.

20. Write a two-sentence synthesis that names evidence, uncertainty, and one limit.
