

Grade 12 Unit 4 Quiz

Polymers, Materials, and Nanochemistry

All cards are fictional paper models. No fabrication, material processing, chemical handling, device construction, or product recommendation is requested. Total points: 18.

1. A polymer card labels flexible chains. State a bounded property relation. [3 pts]

2. Name one missing condition before comparing two material cards. [3 pts]

3. Distinguish a structure-property model from a product recommendation. [3 pts]

4. A surface card has greater labeled area. State one possible relation and one limit. [3 pts]

5. Explain why a nanoscale representation is not direct proof of a real material outcome. [3 pts]

6. Write a CER conclusion with a lifecycle/constraint boundary and no recommendation. [3 pts]
