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# SL Paper 1

In Geiger and Marsden's experiments a thin gold foil was bombarded with alpha particles. It was found that

- A. all alpha particles were deflected from their original paths.
  - B. no alpha particles were deflected by more than  $90^\circ$  from their original paths.
  - C. a few alpha particles were deflected by more than  $90^\circ$  from their original paths.
  - D. most alpha particles were deflected by more than  $90^\circ$  from their original paths.
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