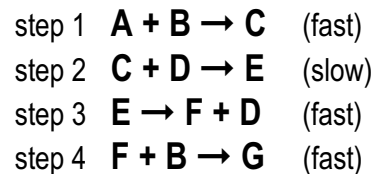


## ENERGY CHANGES AND RATES OF REACTION

### Lesson 10 Quiz: **Reaction Mechanisms**

Consider the reaction mechanism in the box for all questions.



1. What are the reactants for the overall chemical equation?
  - A. E + 2D
  - B. A + F
  - C. A + 2B
  - D. E + B
2. What are the products for the overall chemical equation?
  - A. G
  - B. C + D
  - C. C + D + G
  - D. 2E
3. What are the reaction intermediates?
  - A. C, E, F, D
  - B. D, E
  - C. C, D, G
  - D. C, E, F
4. What is the catalyst in the mechanism?
  - A. A
  - B. B
  - C. C
  - D. D
  - E. E
  - F. F
5. Which step is the rate-determining step?
  - A. step 1
  - B. step 2
  - C. step 3
  - D. step 4

#### ANSWERS

1. C
2. A
3. D
4. D
5. B