

- 1 For the reaction  $3 A + 4 B \rightleftharpoons 2 D$  it is found that at a certain time  $[B]$  is decreasing at  $0.012 \text{ M/s}$ . What is the rate of the reaction?
- A  $0.012 \text{ M/s}$
  - B  $- 0.012 \text{ M/s}$
  - C None of the above
- 2 For the reaction  $3 A + 4 B \rightleftharpoons 2 D$  it is found that at a certain time  $[B]$  is decreasing at  $0.012 \text{ M/s}$ . How does  $[A]$  change at this time?
- A  $- 0.012 \text{ M/s}$
  - B  $- 0.0090 \text{ M/s}$
  - C  $- 0.0030 \text{ M/s}$
  - D None of the above
- 3 For the reaction  $3 A + 4 B \rightleftharpoons 2 D$  it is found that at a certain time  $[B]$  is decreasing at  $0.012 \text{ M/s}$ . How does  $[D]$  change at this time?
- A  $+ 0.012 \text{ M/s}$
  - B  $+ 0.0090 \text{ M/s}$
  - C  $+ 0.0030 \text{ M/s}$
  - D None of the above