

1. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

2. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
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- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

3. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
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4. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
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5. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
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- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

6. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

7. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

8. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

9. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

10. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

11. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

12. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

13. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

14. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

15. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

16. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

17. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$

- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

18. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

19. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

20. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

21. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

22. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

23. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

24. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

25. What is the rate law for the following reaction?

- A.  $\text{rate} = k[\text{A}]$
- B.  $\text{rate} = k[\text{A}]^2$
- C.  $\text{rate} = k[\text{A}][\text{B}]$
- D.  $\text{rate} = k[\text{A}]/[\text{B}]$

1. C
2. B
3. D
4. A
5. C
6. B
7. D
8. A
9. C
10. B
11. D
12. A
13. C
14. B
15. D
16. A
17. C
18. B
19. D
20. A
21. C
22. B
23. D
24. A
25. C