

1. What is the cross product of two vectors?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
2. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
3. What is the magnitude of the cross product of two vectors?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
4. What is the direction of the cross product of two vectors?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
5. What is the cross product of two vectors in  $\mathbb{R}^2$ ?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
6. What is the cross product of two vectors in  $\mathbb{R}^4$ ?
  - A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors

- D. The vector difference of the vectors
7. What is the cross product of two vectors in  $\mathbb{R}^5$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
8. What is the cross product of two vectors in  $\mathbb{R}^6$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
9. What is the cross product of two vectors in  $\mathbb{R}^7$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
10. What is the cross product of two vectors in  $\mathbb{R}^8$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
11. What is the cross product of two vectors in  $\mathbb{R}^9$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
12. What is the cross product of two vectors in  $\mathbb{R}^{10}$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

13. What is the cross product of two vectors in R11?

A. The product of the magnitude of the vectors

B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

14. What is the cross product of two vectors in R12?

A. The product of the magnitude of the vectors

B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

15. What is the cross product of two vectors in R13?

A. The product of the magnitude of the vectors

B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

16. What is the cross product of two vectors in R14?

A. The product of the magnitude of the vectors

B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

17. What is the cross product of two vectors in R15?

A. The product of the magnitude of the vectors

B. The product of the components of the vectors

C. The vector sum of the vectors

D. The vector difference of the vectors

18. What is the cross product of two vectors in R16?

A. The product of the magnitude of the vectors

- B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
19. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
20. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
21. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
22. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
23. What is the cross product of two vectors in  $\mathbb{R}^3$ ?
- A. The product of the magnitude of the vectors
  - B. The product of the components of the vectors
  - C. The vector sum of the vectors
  - D. The vector difference of the vectors
24. What is the cross product of two vectors in  $\mathbb{R}^3$ ?

- A. The product of the magnitude of the vectors
- B. The product of the components of the vectors
- C. The vector sum of the vectors
- D. The vector difference of the vectors

25. What is the cross product of two vectors in  $\mathbb{R}^3$ ?

- A. The product of the magnitude of the vectors
- B. The product of the components of the vectors
- C. The vector sum of the vectors
- D. The vector difference of the vectors

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