- 1. Which of the following is not a subspace of R3?
- A. The set of all vectors with z-coordinate 0
- B. The set of all vectors with y-coordinate 0
- C. The set of all vectors with x-coordinate 0
- D. The set of all vectors with x-coordinate 0 and y-coordinate 0
- 2. Which of the following is a subspace of R4?
- A. The set of all vectors with z-coordinate 0
- B. The set of all vectors with y-coordinate 0
- C. The set of all vectors with x-coordinate 0
- D. The set of all vectors with x-coordinate 0 and y-coordinate 0
- 3. Which of the following is not a subspace of R5?
- A. The set of all vectors with z-coordinate 0
- B. The set of all vectors with y-coordinate 0
- C. The set of all vectors with x-coordinate 0
- D. The set of all vectors with x-coordinate 0 and y-coordinate 0
- 4. Which of the following is a subspace of R6?
- A. The set of all vectors with z-coordinate 0
- B. The set of all vectors with y-coordinate 0
- C. The set of all vectors with x-coordinate 0
- D. The set of all vectors with x-coordinate 0 and y-coordinate 0
- 5. Which of the following is not a subspace of R7?
- A. The set of all vectors with z-coordinate 0
- B. The set of all vectors with y-coordinate 0
- C. The set of all vectors with x-coordinate 0
- D. The set of all vectors with x-coordinate 0 and y-coordinate 0
- 1. D
- 2. A
- 3. D
- 4. C
- 5. D