MATH 1554 Linear Algebra: Transformations

1. What is the result of applying the transformation T to the vector v?

A. T(v) = v
B. T(v) = -v
C. T(v) = 2v
D. T(v) = 0

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Answer Key:

1. B
2. C
3. D
4. A
5. B
6. C
7. D
8. A
9. B
10. C
11. D
12. A
13. B
14. C
15. D
16. A
17. B
18. C
19. D
20. A
21. B
22. C
23. D
24. A
25. B
26. C
27. D
28. A
29. B
30. C
31. D
32. A
33. B
34. C
35. D
36. A
37. B
38. C
39. D
40. A
41. B
42. C
43. D
44. A
45. B
46. C
47. D
48. A
49. B
50. C