

Answer Key

Practice C

1. 10 2. 7 3. 10 4. -36 5. 104 6. 28
7. (3, 2) 8. (-1, 4) 9. (4, -15)
10. (2, 1, -3) 11. (-1, 0, 2) 12. (2, 4, -1)
13. (-1, -3, -2) 14. (3, -2, 4) 15. (1, 1, 5)
16. $\det AB = \det BA$ 17. $\det A = 0$
18. Carbohydrates contain 4 calories per gram. Fat contains 9 calories per gram. Protein contains 4 calories per gram.