Ejercicios de Sumas y Restas de Vectores

A. Vectores en 2D con coordenadas cartesianas (20 ejercicios)

1. 1. Dados A = (3, 4) y B = (1, -2), calcula A + B.
2. 2. Dados A = (5, -1) y B = (-3, 2), calcula A - B.
3. 3. Si A = (-2, 5) y B = (4, -3), encuentra A + B.
4. 4. Dados A = (0, 7) y B = (-5, 2), encuentra A - B.
5. 5. Calcula la suma de A = (6, -4) y B = (-1, -3).
6. 6. Si A = (3, 3) y B = (-3, -3), halla A + B.
7. 7. Dados A = (2, -6) y B = (4, 1), encuentra A - B.
8. 8. Suma los vectores A = (-7, 2) y B = (3, 4).
9. 9. Si A = (1, 1) y B = (2, 2), halla A - B.
10. 10. Calcula A + B si A = (-5, -5) y B = (5, 5).
11. 11. Dados A = (7, -2) y B = (-1, -8), encuentra A + B.
12. 12. Si A = (-4, 3) y B = (6, -7), halla A - B.
13. 13. Calcula la suma de A = (10, 10) y B = (-10, -10).
14. 14. A = (0, 0), B = (-3, 5). Calcula A + B.
15. 15. A = (-6, 3), B = (6, -3). Calcula A - B.
16. 16. Si A = (8, -1) y B = (-8, 1), halla A + B.
17. 17. Dados A = (4, 6) y B = (-2, -2), encuentra A - B.
18. 18. Suma A = (-9, 2) y B = (4, -5).
19. 19. A = (3, -7), B = (1, 6). Halla A - B.
20. 20. Calcula A + B si A = (-2, -2) y B = (2, 2).

B. Vectores en 3D con coordenadas cartesianas (20 ejercicios)

21. A = (1, 2, 3), B = (4, 5, 6). Calcula A + B.
22. A = (7, -8, 2), B = (-2, 3, 5). Calcula A - B.
23. Si A = (0, 0, 0) y B = (3, 4, 5), halla A + B.
24. A = (-3, 2, 1), B = (3, -2, -1). Halla A - B.
25. A = (5, 5, 5), B = (1, 1, 1). Halla A + B.
26. Calcula A + B para A = (-1, -1, -1), B = (1, 1, 1).
27. A = (9, -4, 3), B = (-2, 0, -3). Calcula A - B.
28. A = (6, 2, 8), B = (-1, 3, -4). Halla A + B.
29. Si A = (3, -5, 7) y B = (-3, 5, -7), halla A + B.

30. A = (10, 0, -10), B = (-5, 5, 5). Halla A - B.
31. A = (4, 4, 4), B = (2, 2, 2). Halla A + B.
32. A = (1, -1, 0), B = (0, 1, -1). Calcula A - B.
33. A = (7, 8, 9), B = (-7, -8, -9). Calcula A + B.
34. A = (0, -2, 5), B = (1, 1, -5). Halla A - B.
35. A = (-6, -6, -6), B = (6, 6, 6). Calcula A + B.
36. A = (3, 2, 1), B = (0, 0, 0). Calcula A - B.
37. A = (8, 4, 2), B = (-4, -2, -1). Calcula A + B.
38. A = (6, 3, 0), B = (-3, -3, 0). Halla A - B.
39. A = (-2, 7, 1), B = (1, -7, -1). Calcula A + B.
40. A = (5, 5, -5), B = (0, 0, 5). Calcula A - B.

1. A = (1, 2), B = (3, -1), C = (-2, 4), D = (5, -5). Calcula A + B + C + D.
2. A = (1, 1), B = (2, 2), C = (3, 3), D = (4, 4). Calcula A + B + C + D.
3. A = (5, 3), B = (-5, -3), C = (10, 1), D = (-10, 2). Calcula A + B + C + D.
4. A = (4, -2), B = (-1, 1), C = (3, 2), D = (-3, 1). Calcula A + B + C + D.
5. A = (2, 2), B = (2, 2), C = (2, 2), D = (2, 2). Calcula A + B + C + D.
6. A = (-3, 7), B = (6, -2), C = (-2, -2), D = (1, 3). Calcula A + B + C + D.
7. A = (9, 1), B = (2, 9), C = (-4, -4), D = (-5, -5). Calcula A + B + C + D.
8. A = (1, -1), B = (-1, 1), C = (1, -2), D = (-1, 3). Calcula A + B + C + D.
9. A = (3, 4), B = (4, 3), C = (-3, -4), D = (-4, -3). Calcula A + B + C + D.
10. A = (6, 2), B = (1, 1), C = (2, -5), D = (3, 2). Calcula A + B + C + D.
11. A = (1, 2, 1), B = (1, 1, 1), C = (2, 1, 3), D = (1, 1, 2). Calcula A + B + C + D.
12. A = (2, -3, 5), B = (-2, 3, -5), C = (1, 1, 1), D = (-1, -1, -1). Calcula A + B + C + D.
13. A = (4, 4, 4), B = (-1, -1, -1), C = (2, 1, -3), D = (-2, -2, 1). Calcula A + B + C + D.
14. A = (7, 2, 1), B = (1, 1, 1), C = (-3, -1, 2), D = (1, 2, -1). Calcula A + B + C + D.
15. A = (10, -10, 10), B = (-5, 5, -5), C = (2, 2, 2), D = (-2, -2, -2). Calcula A + B + C + D.
16. A = (1, 1, 1), B = (2, 2, 2), C = (3, 3, 3), D = (4, 4, 4). Calcula A + B + C + D.
17. A = (-3, 2, 1), B = (1, -2, 3), C = (1, 1, -1), D = (2, -1, 2). Calcula A + B + C + D.
18. A = (5, 6, -1), B = (-2, 3, 1), C = (4, -5, 2), D = (-3, -4, 2). Calcula A + B + C + D.
19. A = (1, 1, 1), B = (2, 2, 2), C = (3, 3, 3), D = (4, 4, 4). Calcula A + B + C + D.
20. A = (10, 10, 10), B = (20, 20, 20), C = (-15, -15, -15), D = (-5, -5, -5). Calcula A + B + C + D.