

Assignment:

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Graph each point in three-dimensional space.

10. $(2, -4, 3)$

11. $(-1, 1, 4)$

12. $(3, 0, 0)$

13. $(1, -2, 0)$

14. $(-3, -3, -3)$

15. $(5, 0, 2)$

16. $(0, -3, 2)$

17. $(-4, -1, 1)$

Graph each linear equation in three-dimensional space.

18. $x + y - z = -1$

19. $2x - y + 2z = 4$

20. $2x + \frac{1}{2}y + z = -2$

21. $5x + y - z = -5$

22. $8x + 6y + 4z = 24$

23. $3x - 3y + 2.5z = 7.5$