
Exercise 1 Which of the following planes is orthogonal to the line given by parametric equations below?

$$x = 2t - 10; \quad y = -t + 1; \quad z = 5t - 4$$

Multiple Choice:

1. $4x - 2y + 10z = 6$.
2. $-10x + y - 4z = 1$.
3. $5x - y + 2z = 0$
4. $3x + 6y - 2z = 4$