

1. How can you represent a point in three-dimensional space?

2. Explain how a system of three linear equations can be solved by elimination.

Any point in three-dimensions can be represented by backwards and forwards, left and right and up and down. The x -axis can represent forward or backward, the y -axis can represent left and right and the z -axis can

[1] represent up and down.

Add pairs of equations so that one of the three variables is eliminated. Multiply by a factor first, if necessary. Then when there are two equations in two variables, add to eliminate one of those variables. Find two

[2] variables at this stage, then substitute in one of the original equations to find the third variable.
