

Assignment

1. What is known as the co-planar lines?

2. Prove that the lines $\frac{x}{1} = \frac{y-2}{2} = \frac{z+3}{3}$ and $\frac{x-2}{2} = \frac{y-6}{3} = \frac{z-3}{4}$ are co-planar.

3. Find the length and equations of shortest distance between $3x-9y+5z=0=x+y-z$ and $6x+8y+3z-13=0=x+2y+z-3$.