**9B Part 2 Cartesian 3D Planes**

2D notes:

1. The straight line graph has normal vector $\left(\begin{matrix}-1\\4\end{matrix}\right)$ and passes through $(2,3)$. Find the equation of the line.

3D notes:

1. The plane $Π$ is perpendicular to the normal vector $n=3i-2j+k$ and passes through the point P with position vector $8i+4j-7k$. Find a Cartesian equation of $Π$.

