Math 1	102 (S)	pring	2024	-Section	10
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28 March 2024

Name:	Student Number:	
Department:	Signature:	

Question1.(4 points) Let L be the line passing through the points P = (-1, 1, 2) and Q = (1, 4, 3). Write a vector equation for the line passing from P(-1, 1, 2) and Q(1, 4, 3).

Question 2.(6 points) Find an equation of the plane in the form of Ax + By + Cz = D that contains the line x = 1 + t, y = 2 - t, z = 4 - 3t and is parallel to the plane 5x + 2y + z = 1.