ASSIGNMENT TEST 3

- 1. A straight line I has Cartesian equation $\frac{x+2}{1} = \frac{y-2}{3} = \frac{z+3}{4}$.
 - a Find a vector form of the equation of l. b Verify that the point (0, 8, 5) lies on l.
- 2. A plane passes through the points A(2, -1, 2), B(1, 3, -1) and C(4, 2, 5).
 - a Find a vector form of the equation of the plane.
 - b Find a Cartesian form of the equation of the plane.
- 3. A Cartesian form of the equation of a plane is 3x + 2y 4z = 18. Find a vector form of the equation of the plane.

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