## Math 102 - Section 4

Name:	

Quiz 4

Signature: \_\_\_\_\_

Let L be the line passing through the points P(1, 2, -2) and Q(3, 1, 1).

**1.** Find the coordinates of the point R where L intersects the yz-plane.

**2.** Find an equation for the plane  $\mathscr{P}$  which contains L and is perpendicular to the yz-plane.