

Name:

Show all your work to get credit!

1. Find an equation of the plane that goes through the points $P(2, -1, 3)$, $R(6, 4, 5)$ and $Q(-3, -3, -3)$.

Reading Question:

Explain in your own words what it means for a function $f(x, y)$ of two variables to have a limit at the point (a, b) . How does this lead to complications unforeseen in the case of single variable functions?