## Quiz $2 \quad$ Calculus $3 \quad$ 9/9/2011

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Find an equation for the line passing through the points $(3,-2,0)$ and $(7,1,-5)$.
2. Find an equation for the plane passing through the points $(1,0,0),(0,5,0)$, and $(1,5,3)$.
