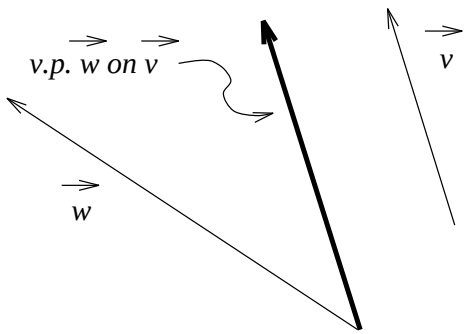
Math 126A **Calculus With Analytic Geometry III** **Fall 1995**

QUIZ #3 ANSWERS

10/12/95

Both problems refer to the vectors $\vec{v}$ and $\vec{w}$ drawn below.

1. *Draw* into the picture and clearly label the vector projection of $\vec{w}$ onto $\vec{v}$, with its initial point at the initial point of $\vec{w}$.



2. Using ruler and pencil, determine the value of $\vec{v} \cdot \vec{w}$.

$\vec{v} \cdot \vec{w} =$ $\boxed{(4.2)(3.0)}$