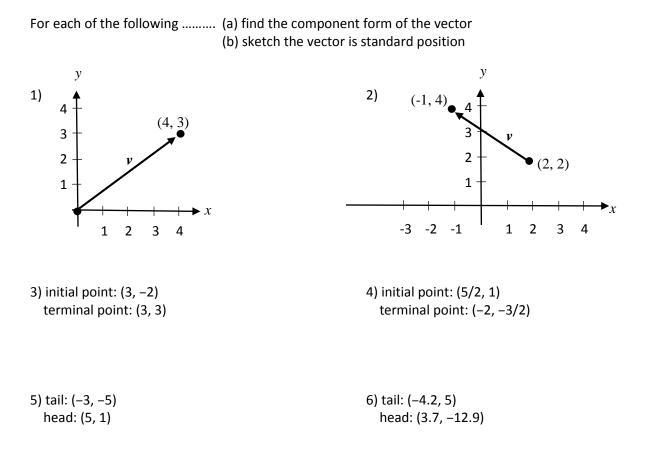
Name _____

Component Form of a Vector



Vector Operations

For each of the following, find: (a) $\mathbf{u}+\mathbf{v}$ (b) $\mathbf{u}-\mathbf{v}$ (c) $2\mathbf{u}-3\mathbf{v}$ (d) $\mathbf{v}+4\mathbf{u}$

7) \mathbf{u} = $\langle 4,2 \rangle$ and \mathbf{v} = $\langle 7,1 \rangle$

8) u =
$$\langle -5, -2 \rangle$$
 and v = $\langle -4, 0 \rangle$