

## Homework #2

1. Find and graph the position vector for  $P(-2, -3)$ ,  $A(-1, 4)$ ,  $B(2, 3)$ .
2. Find and graph the vector  $\overline{AB}$  if  $A(2, 3)$  and  $B(-4, -1)$ .
3. Find the initial point of  $\overline{AB} = \langle -5, -2 \rangle$  if the terminal point is  $\langle 3, 4 \rangle$ .