Find the displacment from from Amsterdam to Dubai.
Amsterdam is located at (52,5) and Dubai at (25,55).

1) To find the x component of the displacement vector, form the
   difference of the x coordinates between the two points.

   x component of displacement$=25 - 52 = -27$

2) To find the y component of the displacement vector, form the
   difference of the y coordinates between the two points.

   y component of displacement$=55 - 5 = 50$

3) Now you can say that the displacement vector from Amsterdam to
   Dubai is $<-27,50>$