11D Position Vectors

1.	The points A and B in the diagram have coordinates (1,5) and (7,4) respectively. Find, in terms of i and j :
a)	The position vector of A
b)	The position vector of B
c)	The vector \overrightarrow{AB}

- 2. \overrightarrow{OA} = 5i -2j and \overrightarrow{AB} = 3i +4j Find:
- a) The position vector of B

b) The exact value of $\overrightarrow{|OB|}$ in simplified surd form