

Name: \_\_\_\_\_

## Vectors in Plane

1) Find  $\overline{AB}$  and  $|\overline{AB}|$ 

1)  $A(1, 1), B(5, 4)$

2)  $A(6, 1), B(4, 3)$

3)  $A(3, 5), B(-1, 7)$

4)  $A(0, 0), B(5, -9)$

5)  $A(-1, -1), B(-4, -7)$

2) Find the vector sum.

1)  $(3, -5) + (4, 5)$

2)  $(-3, -3) + (7, 7)$

3)  $(7, 2) + 3(-1, 0)$