

## Components of Vectors

A) Write the component form of each vector, whose initial point and terminal point are given.

1)  $X(0, 7), Y(-5, -4)$

2)  $B(-6, -8), C(-1, -2)$

$\vec{XY} =$  \_\_\_\_\_

$\vec{BC} =$  \_\_\_\_\_

3)  $U(-4, -2), V(-4, 2)$

1)

$\vec{UV} =$  \_\_\_\_\_

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B) Analyze the graph and write the component form for each vector.

graph in

1)  $\vec{t} =$  \_\_\_\_\_

2)  $\vec{s} =$  \_\_\_\_\_

3)  $\vec{u} =$  \_\_\_\_\_

4)  $\vec{v} =$  \_\_\_\_\_

