

Warmup #7: Vector Review

1. Given vector \overrightarrow{HA} having points $H(-4,5)$ and $A(5,-3)$...

a.) Write in component form.

b.) Write as a sum of unit vectors.

c.) Sketch the vector in standard position.

d.) Find the magnitude. (Simplified radical.)

e.) Find the direction. (Nearest hundredth.)