

## Warmup #2: Intro to Vectors

1. Initial point,  $(4, -2)$ ; Terminal Point,  $(-3, 5)$ .

- find the component form of the vector.
- sketch in standard position.

2. Use  $u = \langle 4, -2 \rangle$  and  $v = \langle -3, 5 \rangle$ , to find:

- $u + v$
- $v - u$
- $v + 4u$
- $2u - 3v$