

## Warmup #2: Intro to Vectors

1. Initial point, (4,-2); Terminal Point, (-3,5).
  - a) find the component form of the vector.
  - b) sketch in standard position.

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

- a)  $u+v$
- b)  $v-u$
- c)  $v+4u$
- d)  $2u-3v$