

## V2 - Component to Polar (Special Right Triangles)

Given a vector in component form, find the vector's magnitude and direction (using an angle in standard position).

1.  $\vec{v} = \langle 1, 1 \rangle$

3.  $\vec{w} = \langle 1, -\sqrt{3} \rangle$

2.  $\vec{u} = \langle -1, 1 \rangle$

4.  $\vec{s} = \langle -\sqrt{3}, -1 \rangle$