

Polar Form and Cartesian Form

A) Express the following vectors in polar form $\vec{v} = (r, \theta)$. (Round your answers to the nearest hundredth of the degree.)

1) $\langle -9, -2 \rangle$

2) $\langle 1, -7 \rangle$

3) $\langle -8, 1 \rangle$

B) Express the following vectors in polar form. Round your answers to the nearest hundredth of the degree.

1) $(8, 80.5^\circ)$

3) $(2\sqrt{5}, 296.57^\circ)$

4) $(\sqrt{26}, 210^\circ)$

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Round your answers