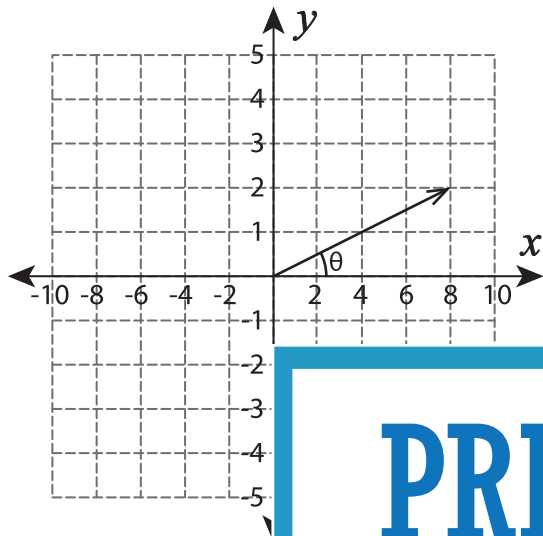


Direction Angle of Vectors

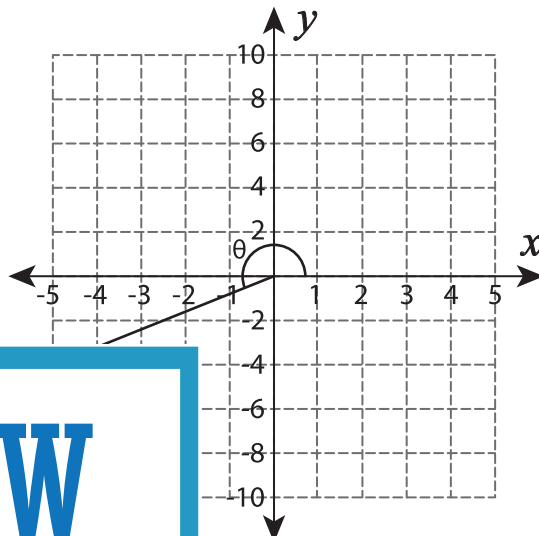
A) Find the direction angle of the vector given in graphs. (Round your answer to the nearest tenth of the degree.)

1)



$\theta =$ _____

2)



B) Find the direction angle of the vector given. (Round your answer to the nearest tenth of the degree.)

1) $\vec{u} = \langle -5, 8 \rangle$

$\theta =$ _____

3) $\vec{x} = \langle -1, -4 \rangle$

$\theta =$ _____

5) $\vec{c} = \langle 9, -7 \rangle$

$\theta =$ _____

6) $\vec{r} = \langle -8, 1 \rangle$

$\theta =$ _____

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