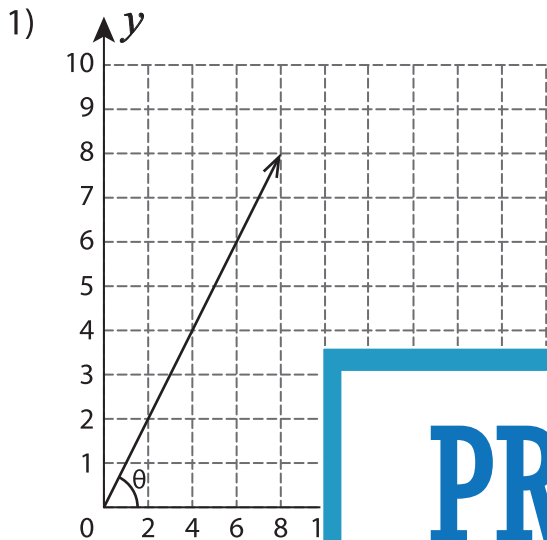
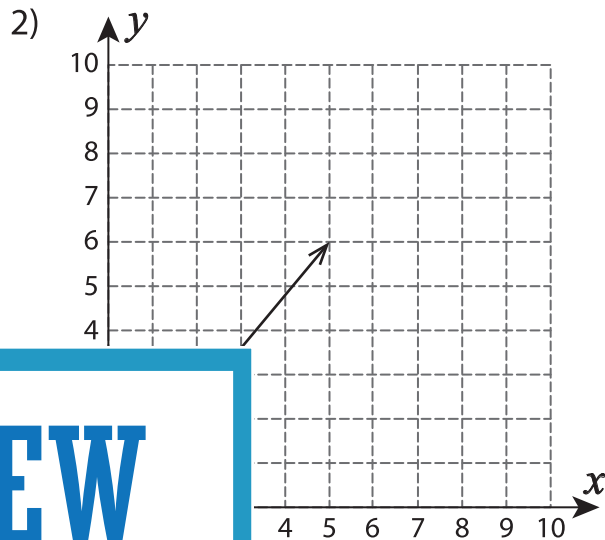


## Direction Angle of Vectors

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



$\theta =$  \_\_\_\_\_



\_\_\_\_\_

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

1)  $\vec{x} = \langle 4, 7 \rangle$

$\theta =$  \_\_\_\_\_

3)  $\vec{z} = \langle 1, 3 \rangle$

$\theta =$  \_\_\_\_\_

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

$\theta =$  \_\_\_\_\_

6)  $\vec{y} = \langle 2, 5 \rangle$

$\theta =$  \_\_\_\_\_

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