

Name : \_\_\_\_\_

## Magnitude of Vectors

Sheet 1

Use the information on the graph and find the magnitude of the vectors.

1)  $|\vec{OA}|$

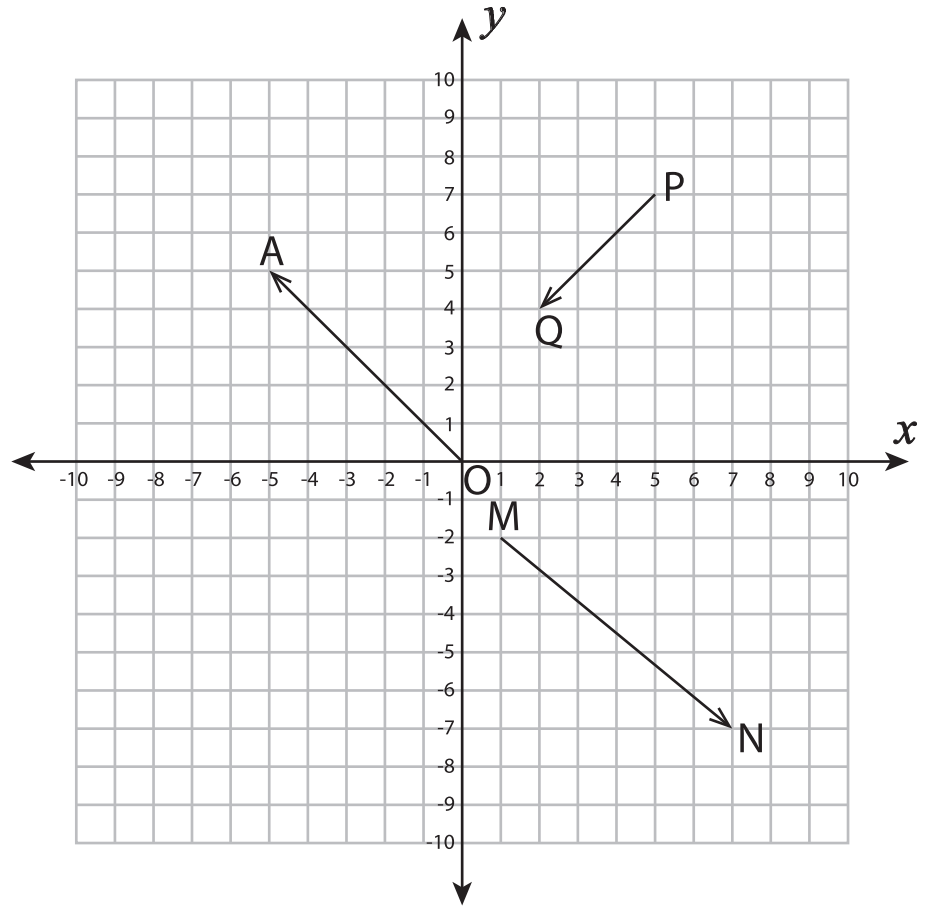
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2)  $|\vec{PQ}|$

\_\_\_\_\_

3)  $|\vec{MN}|$

\_\_\_\_\_



4) What is the magnitude of  $\vec{CD}$  with  $C(4, -4)$  and  $D(-3, 1)$ ?

$|\vec{CD}| =$  \_\_\_\_\_

5) What is the magnitude of  $\vec{XY}$  with  $X(2, 3)$  and  $Y(1, 5)$ ?

$|\vec{XY}| =$  \_\_\_\_\_