

Using coordinate Geometry

6.13

1. a) Graph and label the quadrilateral with the given vertices: A(0,3), B(3,0), C(0,-2), D(-3,1).
b) Then determine the most precise name for the quadrilateral.

SHOW WORK AND JUSTIFY YOUR ANSWER.

AB =

BC =

CD =

DA =

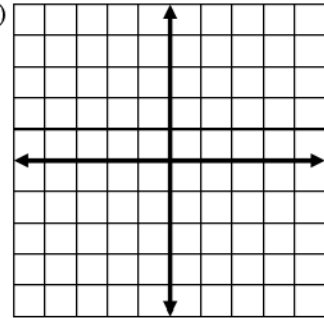
Slope of \overline{AB} =

Slope of \overline{BC} =

Slope of \overline{CD} =

Slope of \overline{DA} =

1 a)

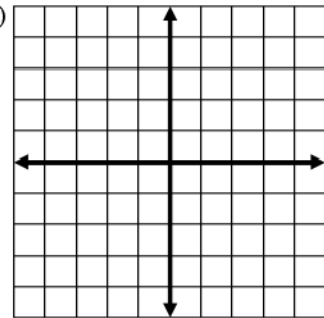


The quadrilateral is a _____
because

2. a) Graph and label the quadrilateral with the given vertices: A(-2,3), B(2,5), C(4,1), D(0,-1).
b) Then determine the most precise name for the quadrilateral.

SHOW WORK AND JUSTIFY YOUR ANSWER.

2 a)



b) _____