

# Lesson 11.1: Coordinate Plane

## Targets

1. I can graph points on a coordinate plane.

## Coordinate Plane: Graphing Points

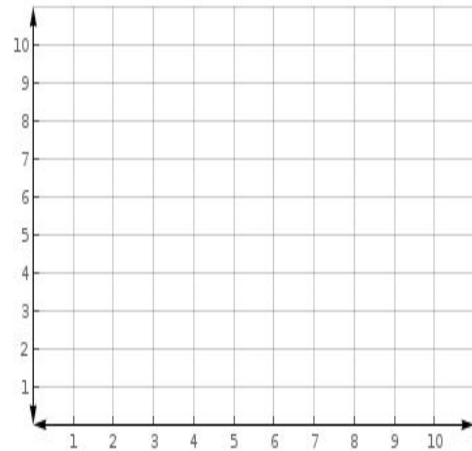
First attempt this problem on your own. Then watch the video and copy his notes.

Plot the following points on the coordinate plane.

$(8, 10)$

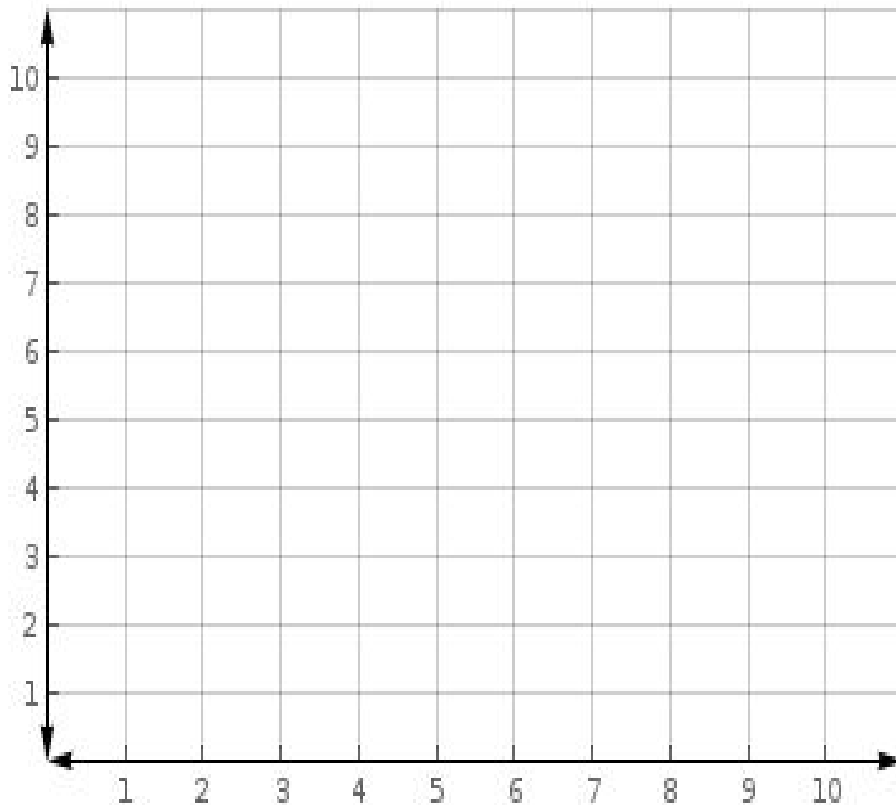
$(6, 10)$

$(5, 7)$



## Khan Activity: Graphing Points

Complete this activity on Khan. Use the coordinate plane below to take notes as you work on this activity.

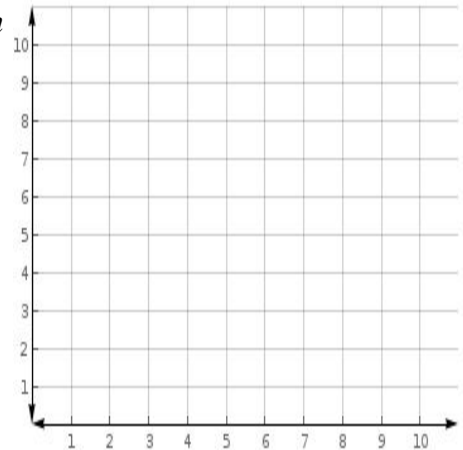


## Coordinate Plane: Graphing Points Word Problem

First attempt this problem on your own. Then watch the video and copy his notes.

Naomi lives at 2nd Avenue and 3rd Street, represented by  $(2, 3)$  on the graph below. Her school is at 4th Avenue and 10th Street, represented by  $(4, 10)$  on the graph. She walks over to 4th Avenue and up to 10th Street.

- Plot her home and school on the map.
- How many blocks does Naomi walk to school?



### **Khan Activity: Coordinate plane word problems in the first quadrant**

Complete this activity on Khan.

### **Exit Ticket**

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
  - a. Graphing Points
  - b. Coordinate plane word problems in the first quadrant