

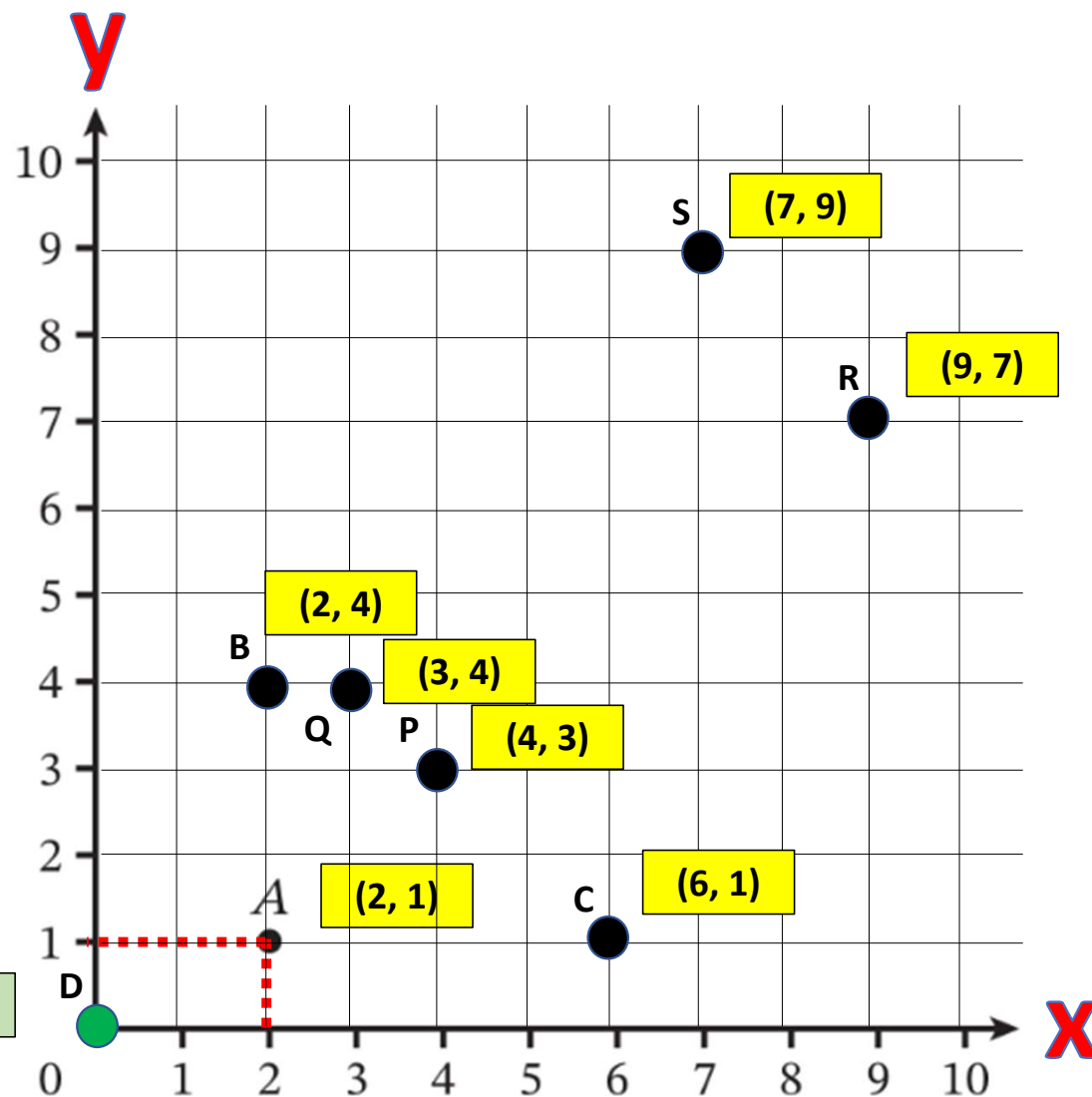
Topic A Quiz Prep (Lessons 1 – 4)

Item 1: Ordered Pairs

In this unit we learned how to use two number lines to describe a location of a point on a plane. We always list the x-coordinate first and then the y-coordinate. The two coordinates are called the **ordered pair**. We also learned that we need to understand the interval of the number lines. The x and y axes here have an interval of 1 unit. Also, remember that the origin is located at $(0,0)$.

Complete the table for the points plotted in problem 1.

Point	x-Coordinate	y-Coordinate	Ordered Pair (x,y)
P	4	3	$(4,3)$
Q	3	4	$(3,4)$
R	9	7	$(9,7)$
S	7	9	$(7,9)$



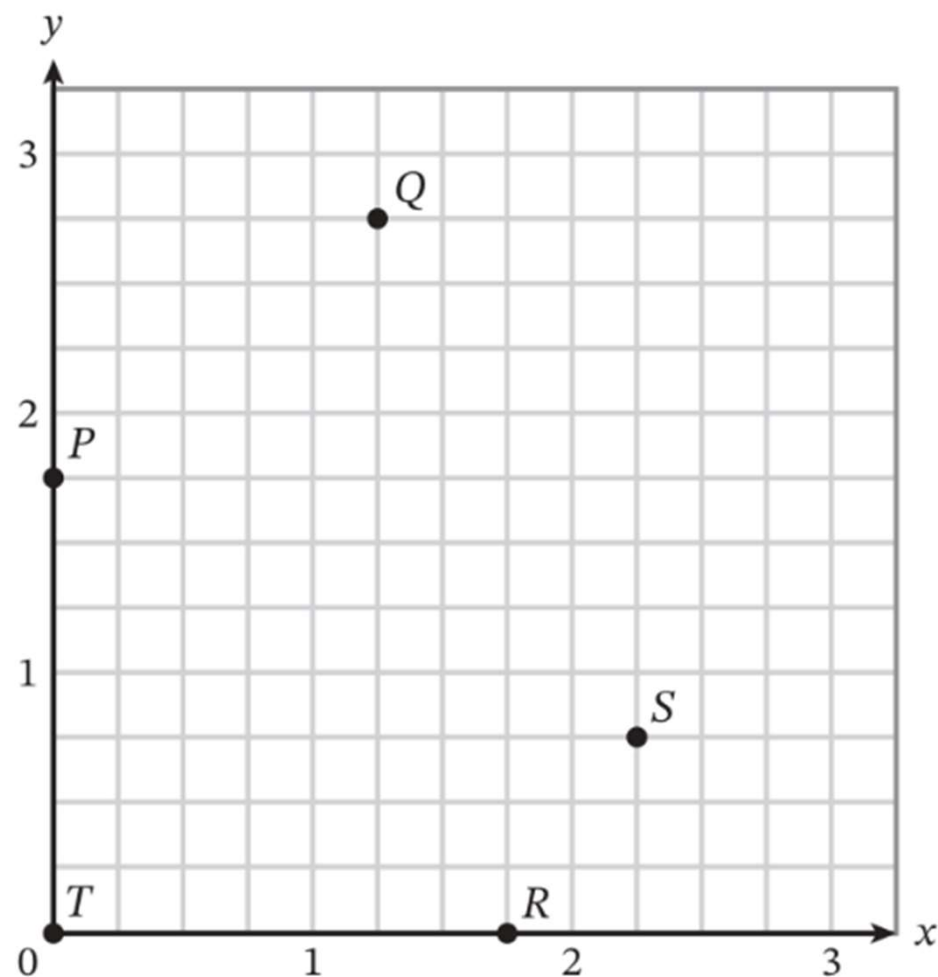
Reference your LEARN book page 20.

Topic A Quiz Prep (Lessons 1 – 4)

Item 2: Ordered Pairs

What is the INTERVAL length? $\frac{1}{4}$ unit

Point	x-Coordinate	y-Coordinate	Ordered Pair
<i>P</i>	0	$1 \frac{3}{4}$	$(0, 1 \frac{3}{4})$
<i>Q</i>	$1 \frac{1}{4}$	$2 \frac{3}{4}$	$(1 \frac{1}{4}, 2 \frac{3}{4})$
<i>R</i>	$1 \frac{3}{4}$	0	$(1 \frac{3}{4}, 0)$
<i>S</i>	$2 \frac{1}{4}$	$\frac{3}{4}$	$(2 \frac{1}{4}, \frac{3}{4})$
<i>T</i>	0	0	$(0, 0)$



Reference your LEARN book page 29.

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Items 3 & 4: Cardinal locations on a Coordinate Plane

In Lesson 4, we learned how to navigate from one point to another using RIGHT, LEFT, UP, and DOWN. These directions match the cardinal directions:

- Right – East
- Left – West
- Up = North
- Down - South

a. Kayla is at the ticket stand and wants to see the lions. How many units away from the ticket stand is the lion exhibit and in which direction?

What is the **ORDERED PAIR** for the ticket stand? *(1, 2)*

How do you get from the ticket stand to the lion exhibit?

Move 10 units to the right.

What is the **ORDERED PAIR** for the lion exhibit? *(11, 2)*

The lion exhibit is 10 units to the RIGHT of the ticket stand.

Reference your **LEARN** book page 37.

