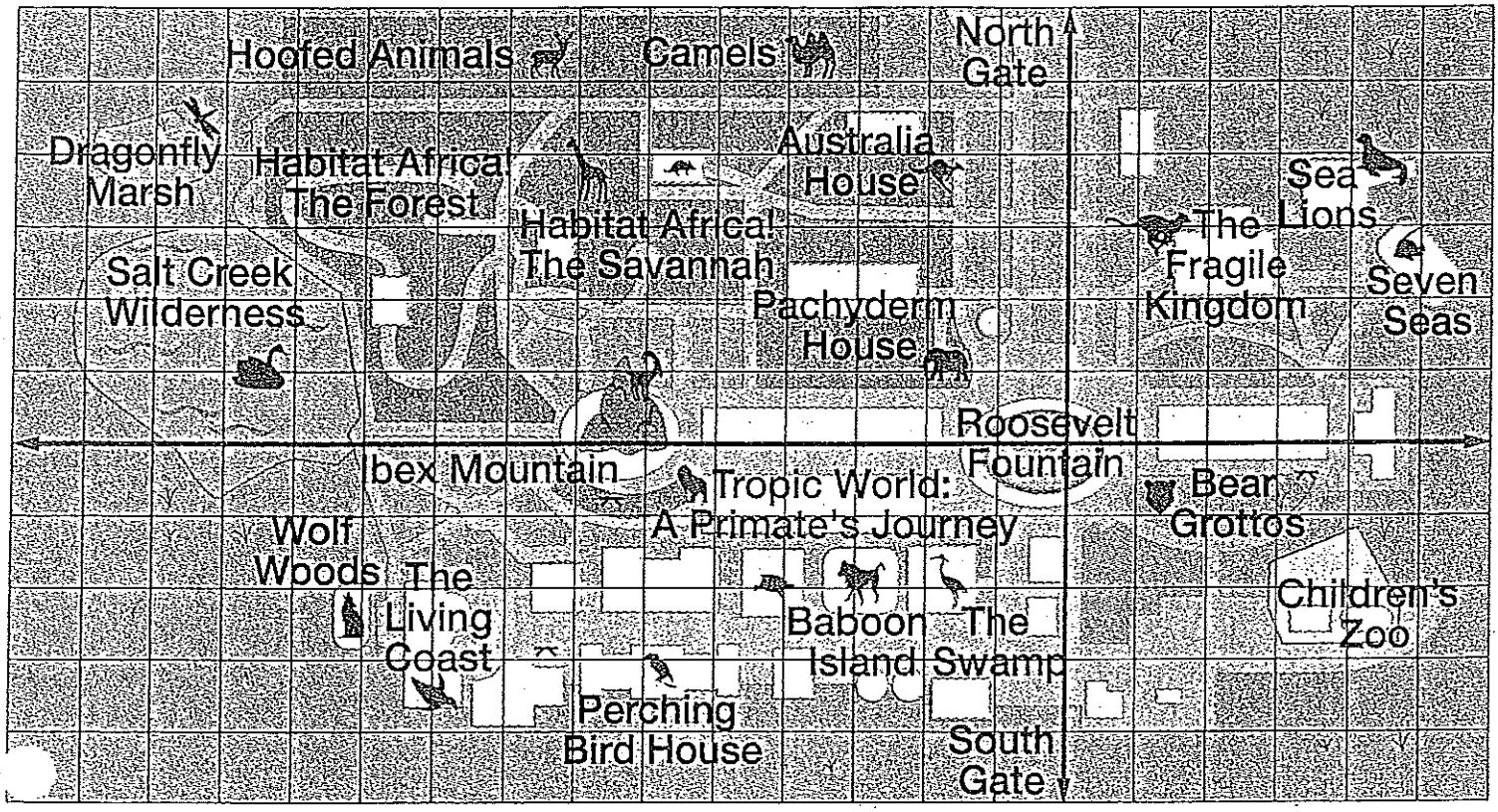
Coordinate Planes

Brookfield Zoo, Brookfield, IL



1. What exhibit is located at (4, -2)

2. In which quadrant is the Dragonfly Marsh exhibit located?

3. Find the ordered pair that represents the location of Baboon Island.

4. What is located at the origin?

5. Name the exhibits located in quadrant 4.

6. What exhibit is located at (2, -1)? What quadrant is it in?

7. What exhibit is located at (-1, 5)? What quadrant is it in?

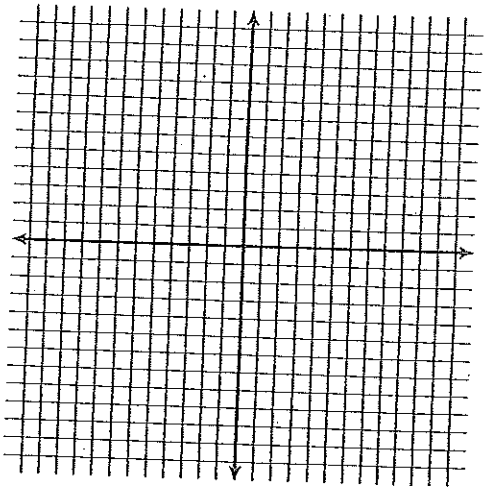
8. Find the ordered pair that represents The Living Coast.

9. Which quadrant has the most exhibits?

10. Create a question for a classmate to answer.

Graph the points A(-3, 2), B(2,2), C(2,-4), and D(-3, -4) on the coordinate plane. Connect points A and B, B and C, C and D, and D and A. Name the figure.

On the same coordinate plane graph the points E(3, 4), F(-4, -3), and G(4, -5). Connect points E and F, F and G, and G and E. Name the figure.



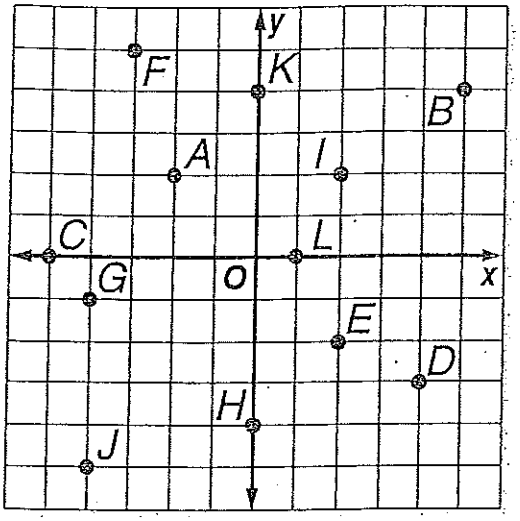
Determine whether each statement is *sometimes*, *always* or *never* true. Give an example to prove your answer.

Both x and y-coordinates of a point in quadrant 1 are negative._____

The x-coordinate of a point that lines on the x-axis is negative._____

The y-coordinate of a plane in quadrant 4 is negative._____

Write the ordered pair for each point graphed at the right. Then name the **quadrant** or axis on which each point is located.



1. A
2. B
3. C
4. D
5. E
6. F
7. G
8. H
9. I
10. J
11. K
12. L