

A owl is 10ft above sea level. A shark is 20 ft below sea level.

Which animal has the higher elevation?

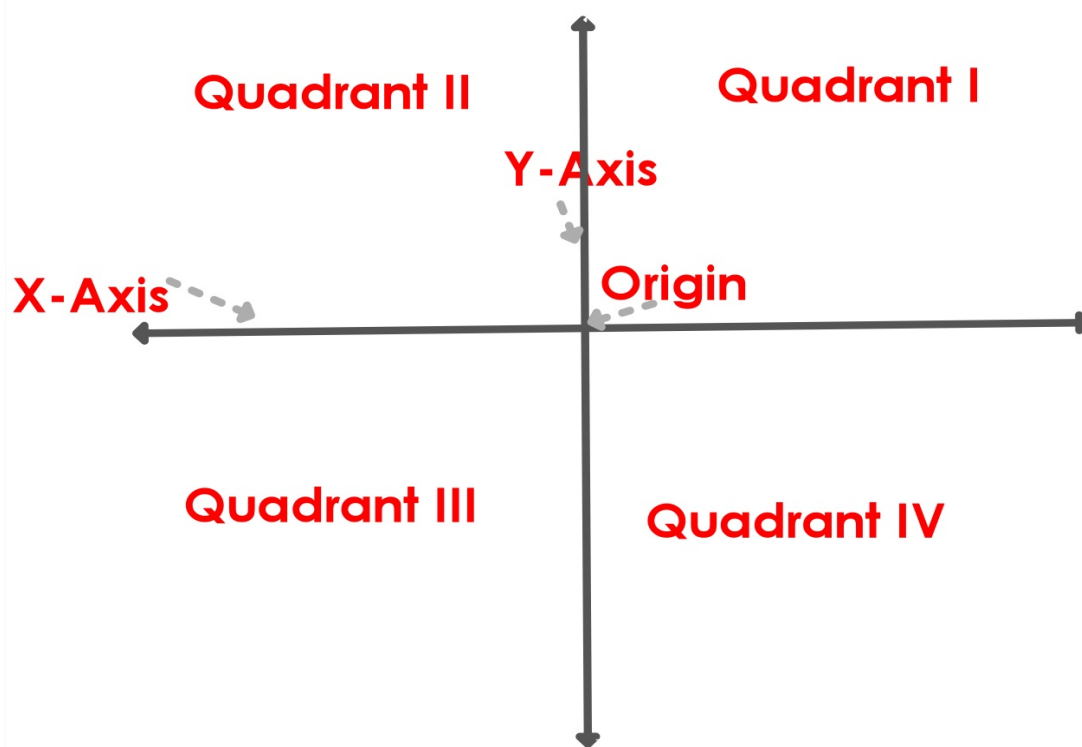
Which animal is closer to sea level?

How far apart are the animals?

## **Coordinate Plane**

Essential Question: What is a reflection?  
If a point is reflected around the x-axis,  
what do they have in common?

## Parts of a Coordinate Plane



**Turn to page 12.**

**Label:**

**x-axis**

**y-axis**

**quadrants**

## **Vocabulary**

**Vertices**

**Reflection Across X-Axis:**

**Reflection Across Y-axis:**

## Summary:

A reflection is \_\_\_\_\_.

If a point is reflected across the x-axis, all the \_\_\_\_\_ coordinates are the same, while the \_\_\_\_\_ coordinates are the opposites.