

A Dolphin's Day



Objective

The students will use number and listening skills as they reinforce their understanding of dolphin behavior.

Materials

- Copy of one of the A Dolphin's Day diagrams
- Pencils, pens, or crayons

Action

1. Choose one of the two A Dolphin's Day diagrams (Option A or Option B) on pages 3 and 4 for students to complete as you read the story below. Option A requires students to connect the numbered dots as you read the story below. Option B requires students to plot points and connect them on a graph.
2. Distribute diagrams to students. If you are using Option A, read the first set of numbers in the parentheses—the single whole number. If you are using Option B, read the coordinates for the graph (x,y).
3. Introduce the activity by saying "Dolphins use echolocation to find food and avoid danger. Here's a story about one dolphin's day at sea. Follow the dolphin with your pencil as it swims along." Read the story below, allowing time for students to plot numbers or connect dots.
4. As students begin to complete their diagram, the outline of a fish will appear. When finished, students can add an eye and color the fish. Share art with the class.



Name _____

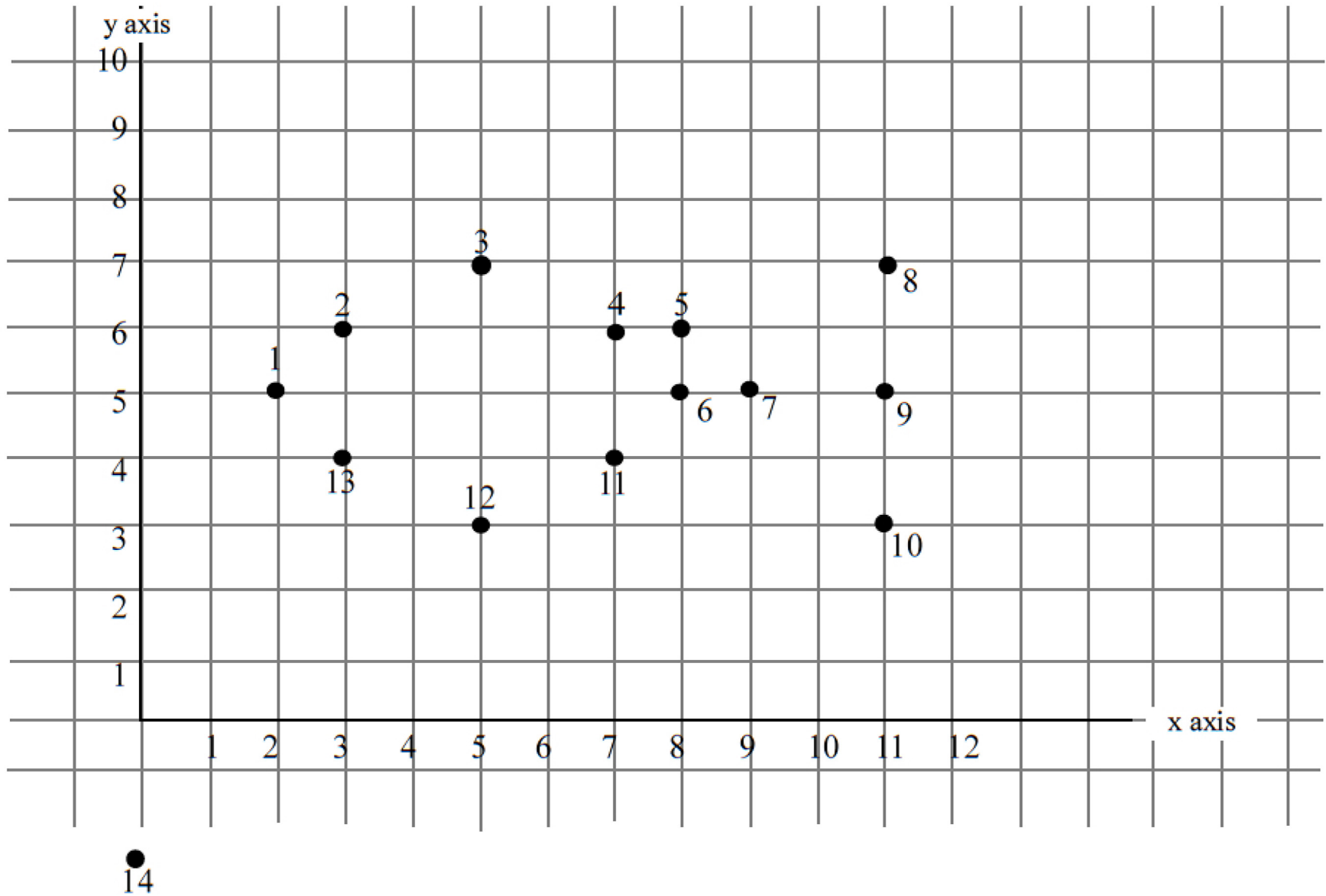
The dolphin started its day at $(1, 2/5)$, where it then looked for breakfast. Using echolocation, the dolphin found a squid at $(2, 3/6)$. Then it swam up to the surface of the sea at $(3, 5/7)$ and took a deep breath. The dolphin thought it heard some sharks nearby, so it swam to $(4, 7/6)$. Was it safe? What were those new sounds? The sounds were made by other dolphins in the pod. The dolphin swam to meet them at $(5, 8/6)$. The group met two more dolphins at $(6, 8/5)$. The pod began to look for lunch. The dolphin wasn't very hungry, so it swam off to $(4, 7/6)$. A big ship crossed its path, so the dolphin swam around it. First, the dolphin swam to $(7, 9/5)$ and then to $(8, 11/7)$.

Now the dolphin was hungry. While searching for fish to eat, the dolphin found sharks instead. Yikes! It swam away from them as fast as it could to $(9, 11/5)$, then to $(10, 11/3)$. The dolphin was safe, but very hungry. It found some tasty squid on the ocean floor at $(7, 9/5)$ and some more at $(11, 7/3)$. Just then the dolphin heard the pod. They were far away at $(12, 5/3)$. The dolphin swam to join them. The pod traveled to $(13, 3/4)$ and home at last to $(1, 2/5)$. What did the dolphin find there but his very favorite food! Do you know what it was?



Name _____

Option A





Option B

Name _____

