Migration Mystery: Answer Key

**Activity Questions:**

1. On Graph A, what was the most common cause of death for stranded Gray Whales?

   *Malnutrition was the most common cause of death*

2. Using Graph B, in what month and year were there the largest number of Gray Whale strandings?

   *May 2019 had the largest number of gray whale sightings*

3. Using your answer from number 2, which direction are Gray whales migrating during that month? (North or South)

   *Gray whales are migrating North to feed*

4. What are some of the impacts climate change has on Gray whale migrations?

   *Climate change causes warmer waters that lead to longer migrations, changing ice growth patterns, less nutritious food...*

5. How might these impacts increase the number of Gray whale strandings?

   *These impacts increase the chances that Gray whales experience exhaustion, malnutrition, trauma (Orca attacks, boat strikes, human interaction) that could cause strandings*
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Graph A:

![Graph showing stranded gray whales' causes of death.]

- Suspect malnutrition: 6
- Trauma/Human Interaction: 5
- Unknown: 3

Cause of Death

Individual Count