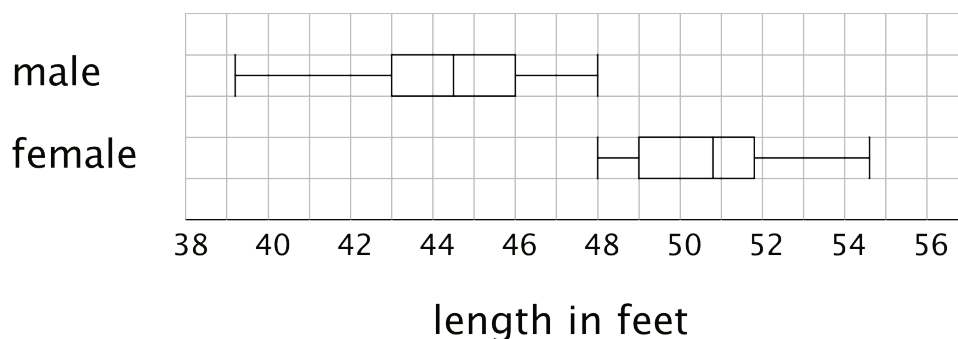


# Lesson 17: Using Box Plots

## Cool Down: Humpback Whales

Researchers measured the lengths, in feet, of 20 male humpback whales and 20 female humpback whales. Here are two box plots that summarize their data.



1. How long was the longest whale measured? Was this whale male or female?
2. What was a typical length for the male humpback whales that were measured?
3. Do you agree with each of these statements about the whales that were measured? Explain your reasoning.
  - a. More than half of male humpback whales measured were longer than 46 feet.
  
  - b. The male humpback whales tended to be longer than female humpback whales.
  
  - c. The lengths of the male humpback whales tended to vary more than the lengths of the female humpback whales.