

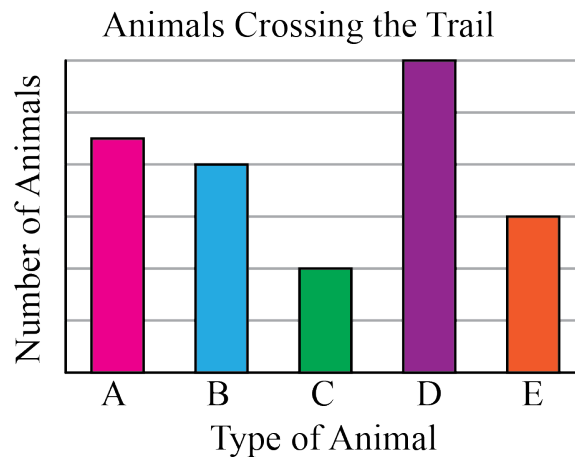


## Problem of the Week

### Problem A

### Animals on Parade

The staff at a provincial park set up a trail camera. Over 24 hours they captured the number of foxes, chipmunks, mice, raccoons, and rabbits that crossed the trail. The bar chart below was drawn on lined paper and shows the results of their tallies, where the letters A, B, C, D, and E along the horizontal axis each represent one type of animal; however, the numbers on the vertical axis are missing.



Use the following clues to match the letters in the bar chart to the correct animal.

- There were half as many foxes as there were chipmunks
- The number of chipmunks is the median of the data. (Note: The *median* is defined below.)
- There were twice as many mice as there were raccoons.
- There are more rabbits than raccoons.

NOTE: The *Median* of a data set refers to the middle number after the numbers have been arranged in order. If a data set has an even number of values, then there are two “middle numbers”. In this case we calculate the sum of the two numbers and divide by 2 to determine the median.