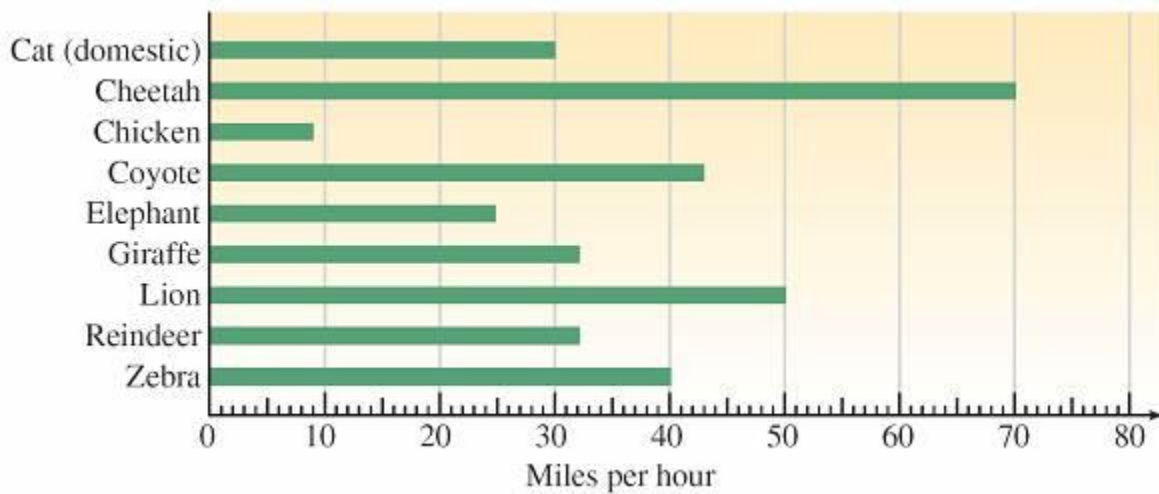


Use the graphs provided to answer the questions. Show any calculations you perform and include units with your answers.

1. Refer to the following bar graph which shows the maximum speed for several animals over a given distance.
 - a. What animal in the graph has the fastest maximum speed?
 - b. What animal in the graph has the slowest maximum speed?
 - c. How much greater is the maximum speed of a lion than that of a coyote?



Maximum Speed of Animals
Source: Infoplease.com

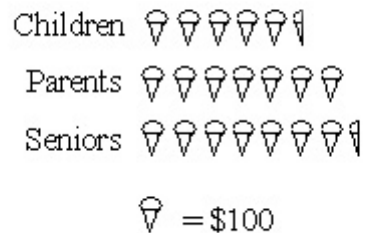
2. Refer to the pictograph to the right.

a. How much money did parents spend on ice cream at Barney's Café?

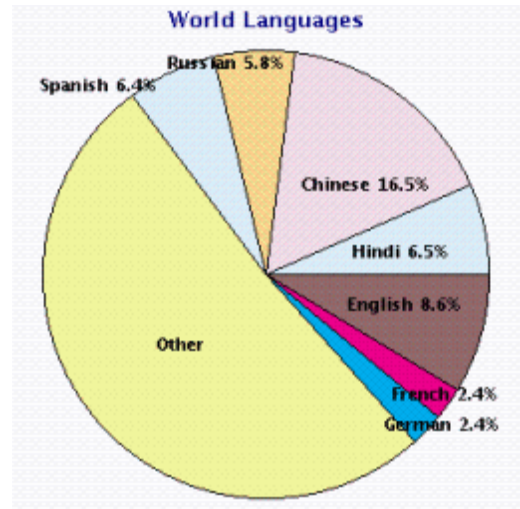
b. How much money did children spend at Barney's Café?

c. How much more money did parents spend than children?

Ice Cream at Barney's Cafe

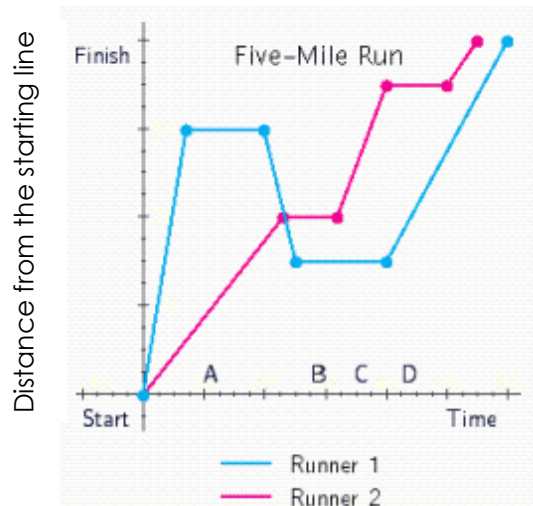


3. Refer to the circle graph to the right. What percentage of the world's population does not speak either Chinese or German?



4. Refer to the line graph to the right. Runner 1 starts out much faster than runner 2.

- At what times (A, B, C or D) do you find the following conditions: runner 1 stopped and runner 2 running?
- Which runner reached the finish line first?



5. A hospital administrator surveyed the medical staff to determine the number of room calls during the night. She constructed the frequency polygon shown to the right. On how many nights were there about 20 room calls? Round your answer to the nearest ten.

