

Average Time

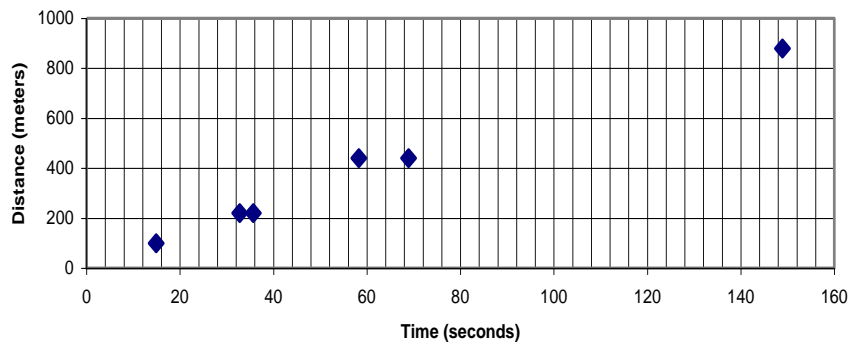
(ME02/SR03)

On-Demand (Check One) Yes No

- Jeriah ran a 200 meter race in a high school track meet. Her time for the race was 32.8 seconds. Based on her time for the 200 meters, what was Jeriah's average speed in kilometers per hour? Support your answer using words, numbers, and/or diagrams.

Jeriah wants to find out how the speeds for high school runners relates to the maximum speeds of other animals. She creates a scatter plot of the results for six high school runners based on the races they ran.

Race Results



Jeriah finds this information on the internet about the approximate maximum speed of several animals and created a chart.

Animal Speeds

| Animal | Approximate Maximum Speed |
|-------------|----------------------------|
| Black Mamba | 32 kilometers per hour |
| Rabbit | 14 meters per second |
| Spider | 0.03 kilometers per minute |
| Squirrel | 19,300 meters per hour |

2. Write a statement that relates the speeds of the high school runners and the speeds of the animals based on the data in the scatter plot and the chart. Use specific data from the scatter plot and chart to support your statement.
