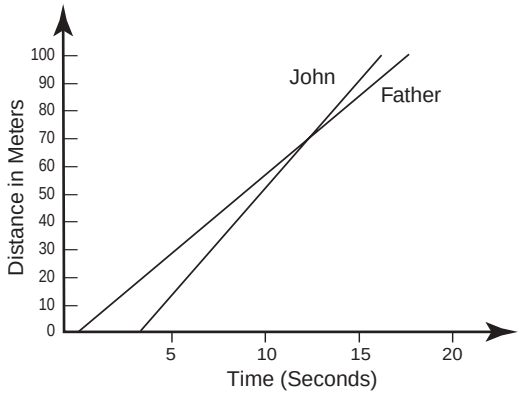
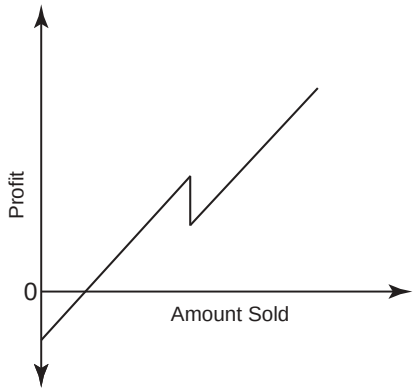
From Graphs to Stories

Name _____

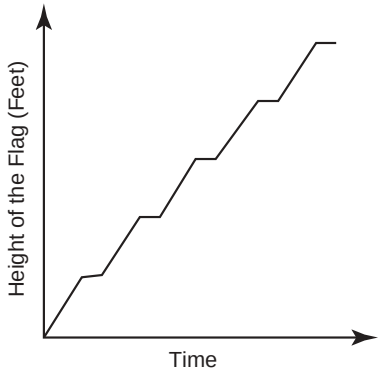
1. John and his father participate in a 100-meter race. John started the race 3 seconds after his father began to run. The graph provides information about how far John and his father ran over time. Write a story about who won the race; be descriptive about how the race was run. If the two lines describing how each person ran were parallel, what would the graph tell you about who won the race?



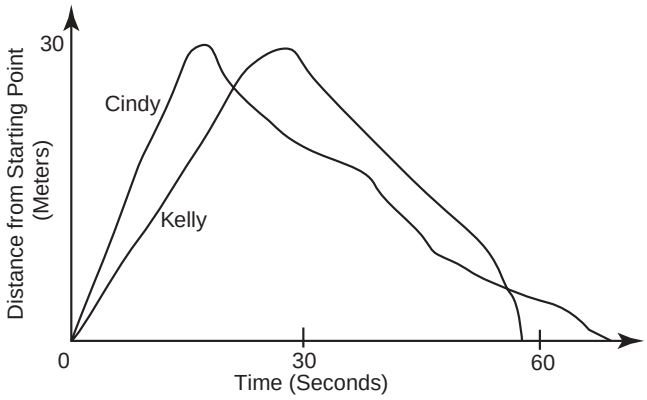
2. The graph represents the relationship between the profit and the amount of lemonade sold at a lemonade stand. Write a story about how the lemonade stand's profit is determined. Include an explanation of what is indicated when the line is below zero and when the line crosses the horizontal axis. (This graph assumes that the seller is not paid and that there is no overhead.)



3. The graph represents a flag being raised on a flagpole. Write a story that describes what is happening to the flag, gives an estimate of the height of the flagpole, and explains the shape of the graph.



4. Graphs can be used to depict the story of a race. Here is a graph that represents a swimming race that occurred between two middle-grades students. Write a story that describes what happened in this race.



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