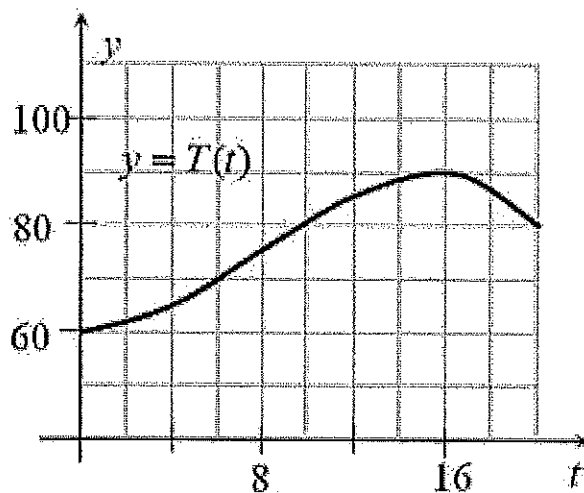


F-IF Warming and Cooling

Alignments to Content Standards: F-IF.B.4

Task

The figure shows the graph of T , the temperature (in degrees Fahrenheit) over one particular 20-hour period in Santa Elena as a function of time t .



- Estimate $T(14)$.
- If $t = 0$ corresponds to midnight, interpret what we mean by $T(14)$ in words.
- Estimate the highest temperature during this period from the graph.
- When was the temperature decreasing?
- If Anya wants to go for a two-hour hike and return before the temperature gets over 80 degrees, when should she leave?

Graph of the Week
January 26-30, 2015

Analyze the graph below and write a reflection on what you think the graph is communicating to you. To guide you with your response, start with some observations.

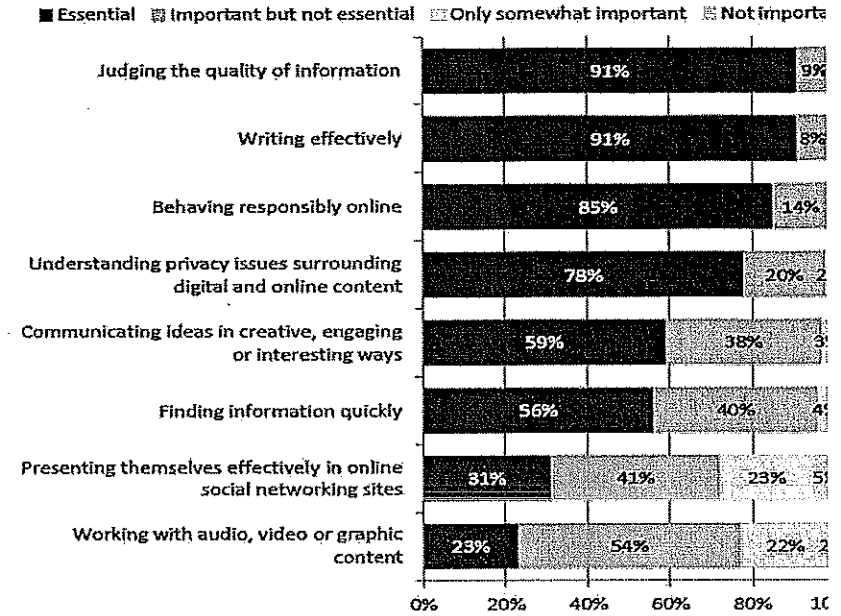
- What is the topic of the graph?
- What does the x-axis represent? What does the y-axis represent?
- What are some observations that you can make based on the graph?
- What do you foresee happening about 5 years from now?

Questions to ask when reading graphs:

- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?

What skills do students need for the future?

How important do you feel each of the following skills is for your students to be successful in life?



Source: The Pew Research Center's Internet & American Life Project Online Survey of Teachers March 7 to April 23, 2012. Based on a non-representative sample of 2,067 middle and high school teachers.

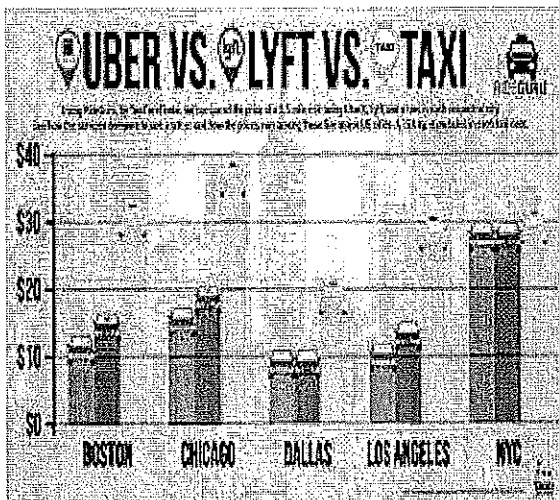
Graph of the Week
April 30-May 4, 2018

Analyze the graphs below and write a reflection on what you think the graphs are communicating to you. To guide you with your response, start with some observations.

- What is the topic of each graph?
- What does the x-axis represent? What does the y-axis represent?
- What are some observations that you can make based on the graph?
- What do you foresee happening in the next 5 years?

Questions to ask when reading graphs:

- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?



NYC Daily Trips: Yellow Taxi, Uber, and Lyft

