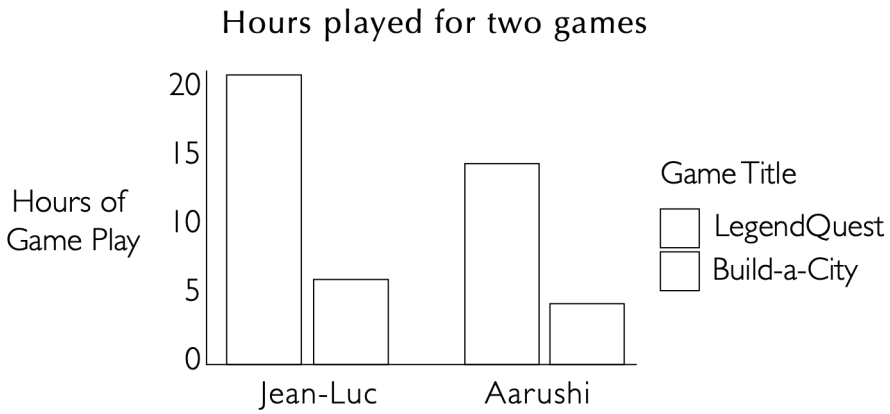
Chapter 10: Making colorblind-friendly visualizations

1. Fill in the visualization below in a colorblind-friendly way. That means that you should use:

    a. One light color and one dark color
    b. At least one pattern. You can use two patterns if you'd like!



2. Make a colorblind-friendly line chart using data about your city.

    a. First, fill in the table below with the average monthly high and low temperatures for your city—this is something you can find online, or you can guess!

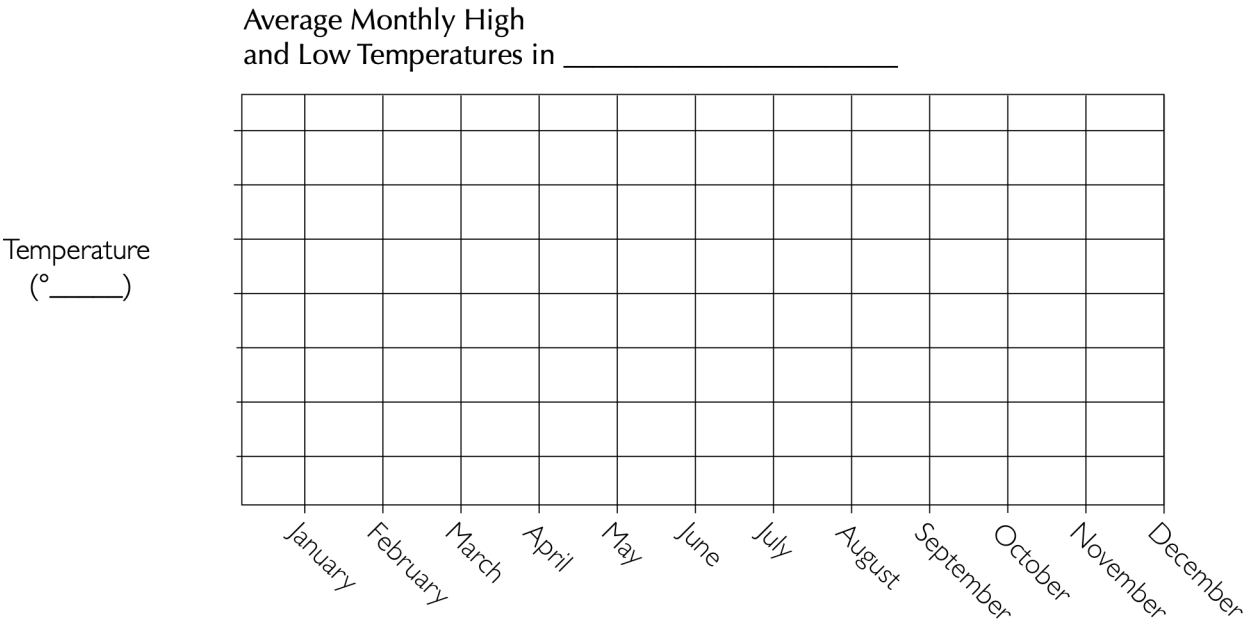
    b. Circle the highest High and the lowest Low so that you know how to number the y-axis.

    c. Then, make a line graph of the two amounts—one line for Low and one line for High—that doesn't have a legend but instead labels the lines directly.

© 2024 Nancy Organ

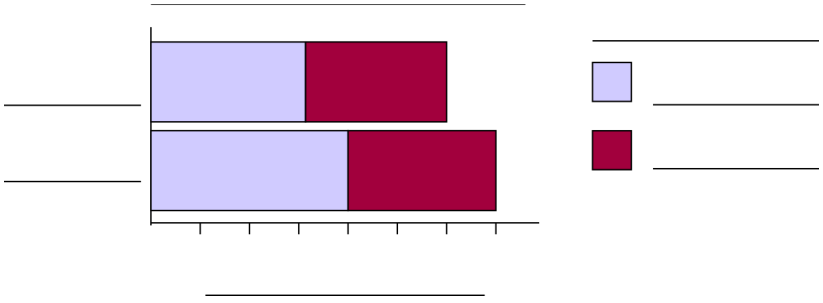
Average Monthly High and Low Temperatures in _____		
Month	**High (° _____)**	**Low (° _____)**
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

© 2024 Nancy Organ



3. The visualization below doesn't have any labels—it could be about anything! Use your imagination to create the following labels so that the visualization has meaning. It can be about anything!

   a. A title
   b. Axis labels
   c. Axis title
   d. A legend



© 2024 Nancy Organ