

# Cricket Weather!

Did you know that you can tell the temperature by counting a cricket's chirps? The table shows the number of chirps a cricket makes each minute at different temperatures. Use the data in the table to make a line graph on a separate sheet of paper.

**Data**

Number of Chirps (per minute)	Temperature
40	50°F
60	55°F
80	60°F
100	65°F
120	70°F

1. Label the vertical axis "Temperature." Let each line stand for 5°F. Starting with 50°F and ending with 75°F, number the vertical lines of the graph.
2. Label the horizontal axis "Number of Chirps." Let each line stand for 20 chirps. Starting with 20 and ending with 140, number the horizontal lines of the graph.
3. Use dots to show the data on the graph. Use a ruler to connect the dots. Give the graph a title.
4. What is the difference in temperature from 40 chirps per minute to 120 chirps per minute?  
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5. Use your ruler to extend the line on the graph so that it crosses the vertical line labeled 140. What should the temperature be if a cricket chirps 140 times?  
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