

Name _____

Enrichment

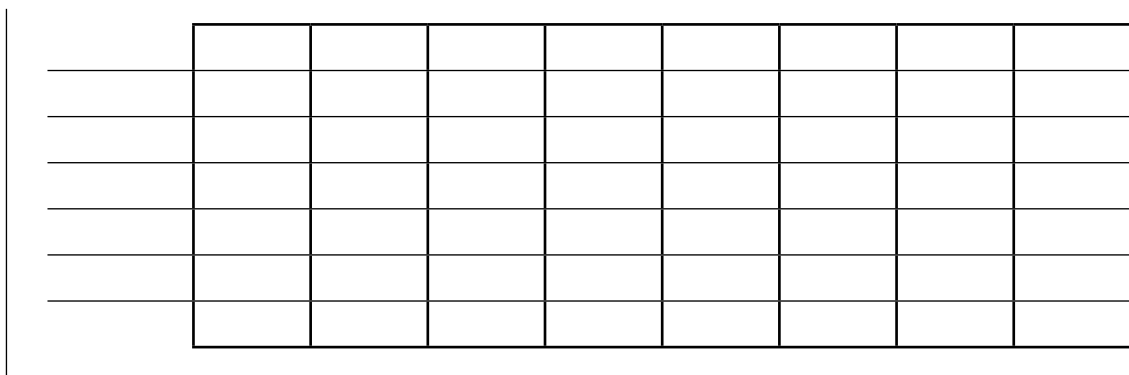
18-1

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.

Number of Chirps	Temperature
40	50°F
60	55°F
80	60°F
100	65°F
120	70°F

Enrichment 18-1



1. Label the vertical line "Temperature." Let each line stand for 5°F. Starting with 50°F and ending with 75°F, number the horizontal lines of the graph.
2. Label the horizontal line "Number of Chirps." Let each line stand for 20 chirps. Starting with 20 and ending with 140, number the vertical 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. 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? _____