

Name _____



Chirp Tracker

Directions: Study the data table. A student recorded how many times a cricket chirped in one minute at different air temperatures. Answer the questions using the information shown.

Temperature in degrees Fahrenheit	Chirps per Minute
50	20
60	40
70	60
80	80
90	100

1. How many chirps were counted at **70 degrees Fahrenheit**?

2. At what temperature did the cricket chirp **40 times per minute**?

3. What pattern do you notice between **temperature** and **chirps per minute**?

4. If the temperature increased from **60 to 80 degrees**, how many more chirps happened per minute?

5. Which temperature range shows the **fastest chirping**?

6. Based on the data, what would you **predict** the chirp count might be at 100 degrees Fahrenheit? Explain your thinking.
