Cricket chirps vs temperature

You can use this formula to see the relationship between temperature and chirps per minute

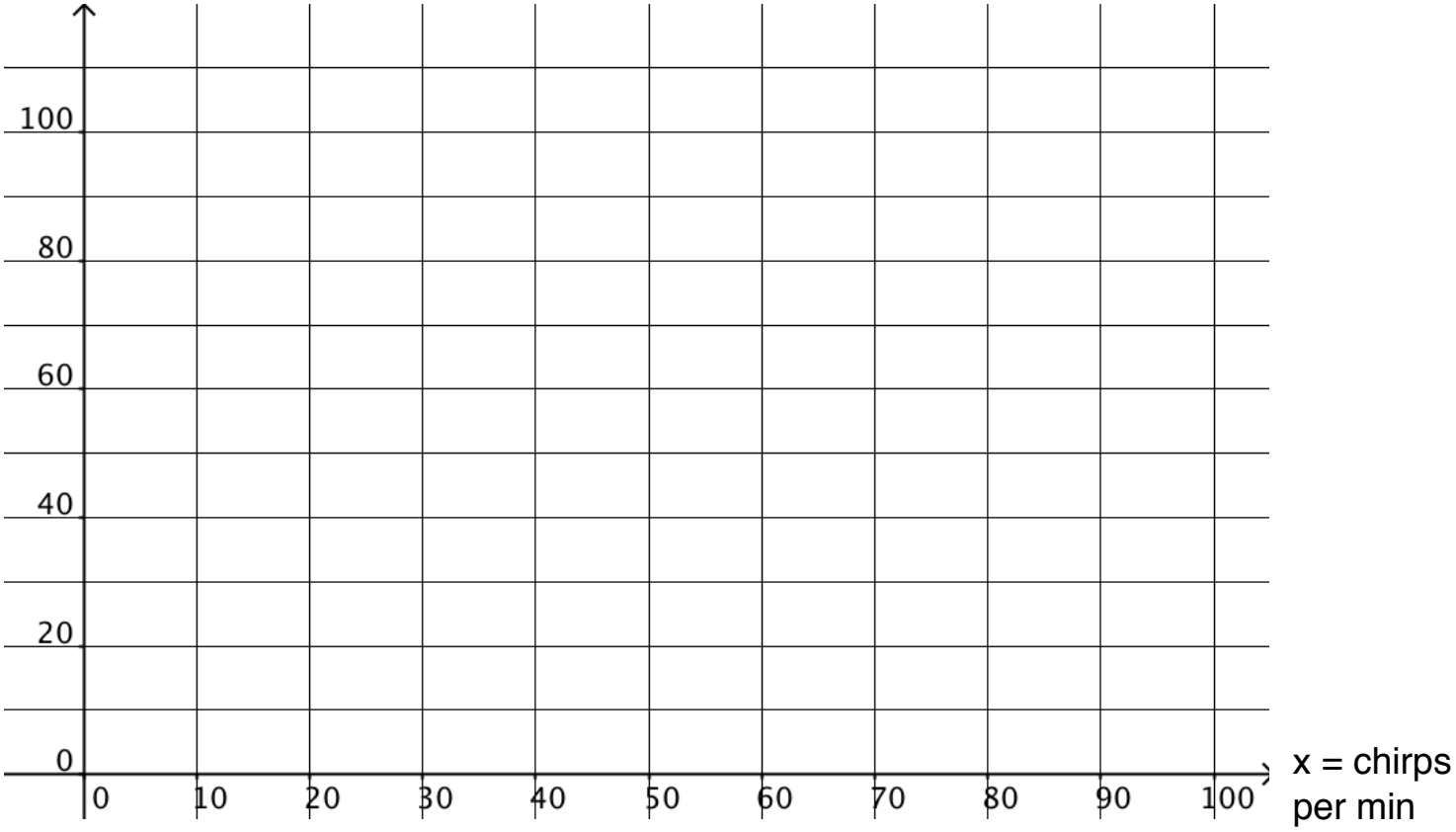
$$y = x + 40$$

y = temperature in degrees Fahrenheit
x = cricket chirps per minute

Fill in the table of values below and then draw the equation of the line on the graph.

x	0	10	20	30
y = x + 40				
(x, y)				

y = temperature in degrees Fahrenheit



Use the graph to answer these questions:

1. What would the temperature be if there are 20 chirps per minute?
2. If the temperature was 80 °F, how many chirps per minute would there be?
3. Describe the relationship between temperature and chirps per minute