

Human Impact

What's going on here?

Could there be a connection between the hawk problem and the rodent problem? Hmm...

The farmer's daughter, Maria, decided to investigate. She knew that when her father got out the shotgun to kill the hawks, she saw a lot fewer hawks around. But she wasn't sure about the mice. So for one year, she spent two hours each month observing for hawks and two hours observing for mice.

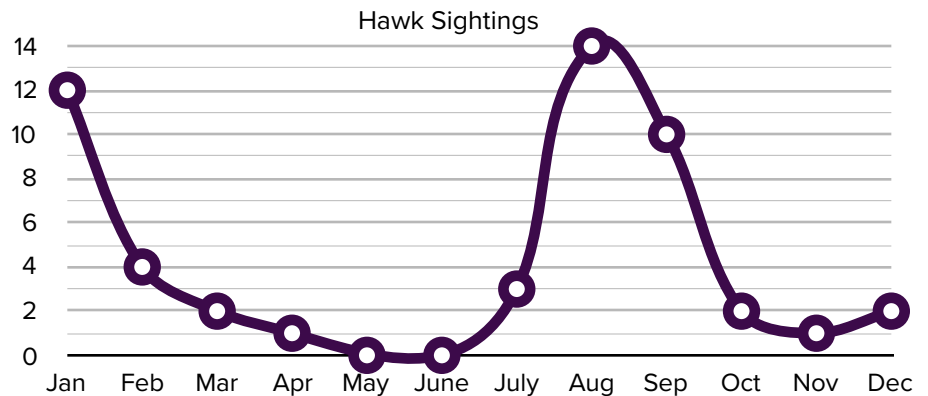
Here is the spreadsheet where she kept her data:

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Hawks Sightings	12	4	2	1	0	0	3	14	10	2	1	2
Mice Sightings	4	19	33	40	58	60	49	12	15	40	48	45

Looking at her spreadsheet, she was still having trouble making sense of her data. So she graphed it.

In studying her graphs, Maria started to think she had some scientific evidence. But of what? Discuss with a partner what you think can be concluded from Maria's data.

 Write your conclusions here:



Enter the rest of Maria's mice data into the graph.

