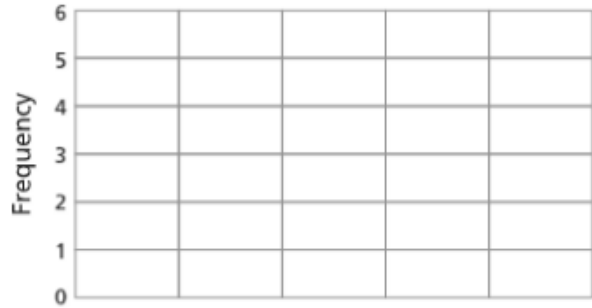


Lesson 10.2 Worksheet

Display the data in a histogram.

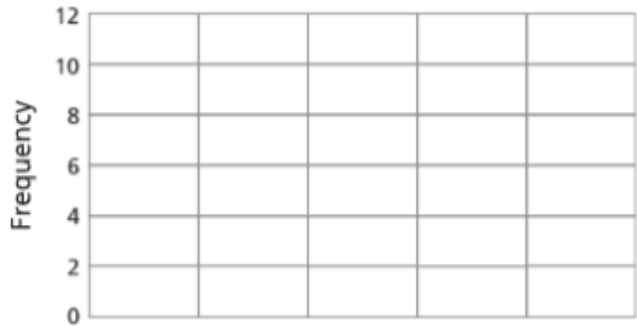
1.

Chess Team	
Wins	Frequency
10-13	3
14-17	4
18-21	4
22-25	2



2.

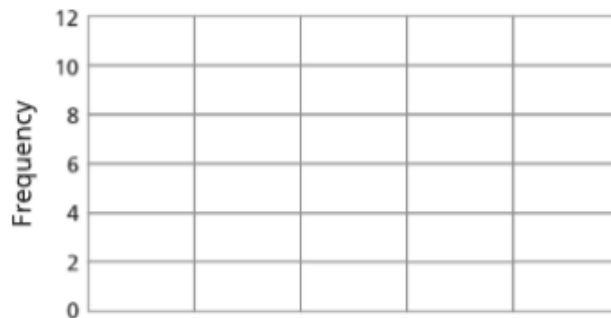
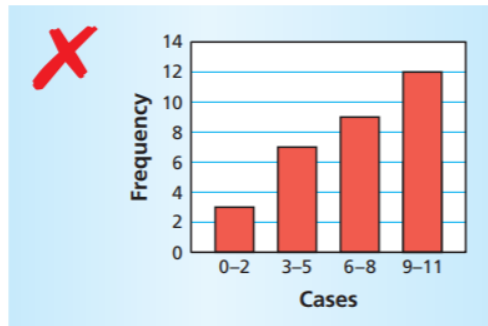
Movies Watched	
Movies	Frequency
0-1	5
2-3	11
4-5	8
6-7	1



3.

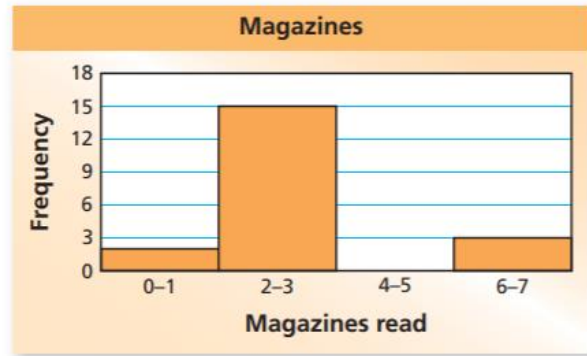
ERROR ANALYSIS Describe and correct the error made in displaying the data in a histogram.

Confirmed Flu Cases per School	
Cases	Frequency
0-2	3
3-5	7
6-8	9
9-11	12



4. **MAGAZINES** The histogram shows the number of magazines read last month by the students in a class.

- a. Which interval contains the fewest data values?
- b. How many students are in the class?
- c. What percent of the students read less than six magazines?
- d. Can you find the mean or the median of the data? Explain.



5. The histogram shows the number of waves caught by surfers at a beach one day.

- a. Which interval contains the fewest data values?
- b. How many surfers were at the beach?
- c. What interval contains about 22% of the surfers?

