

Graphin' the Games Activity

Activity: Use the table of data to create two line graphs, one for the number of games won by the Detroit Pistons and the other for the number of games won by the Detroit Red Wings.

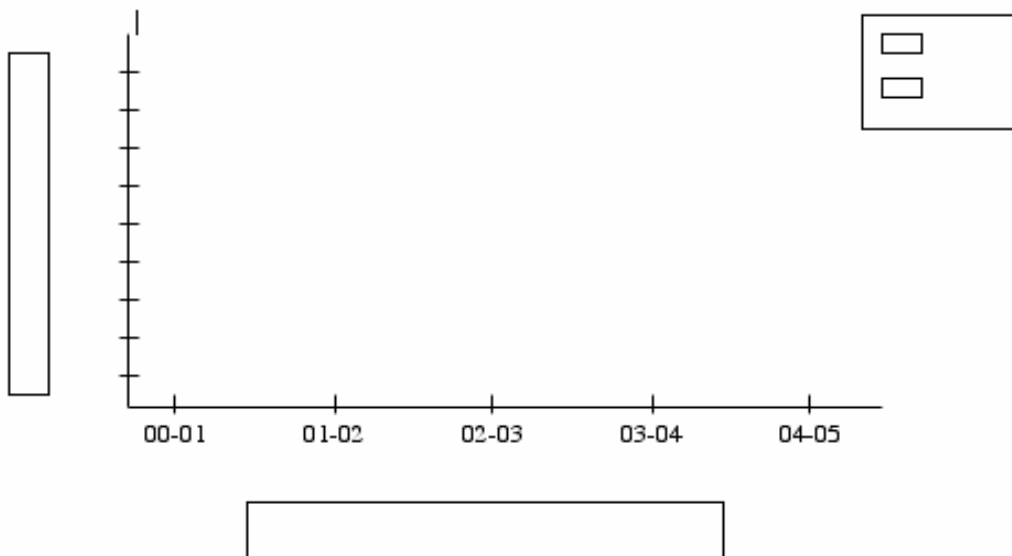
Games Won

Source: Wikipedia

Season	2000/01	2001/02	2002/03	2003/04	2004/05
Pistons	32	50	50	54	54
Red Wings	82	51	48	48	0

QUESTIONS FOR STUDENTS:

1. What should be the title of the graph?
2. How should the x-axis be labeled?
3. How should the y-axis be labeled?
4. How should the y-axis be scaled?
5. How can the Pistons' line be distinguished from the Red Wings' line?
6. If 2 different colors are used, what should be included in the graph?
7. Complete the double line graph:



8. Describe how the Pistons have been doing over the past few years.
9. Describe how the Red Wings have been doing recently.
10. Why is there a zero in the Red Wings' 2004-2005 season?
11. Use the graph to predict the number of wins the Pistons will have at the end of this year's season.
12. Predict the wins for the Red Wings this year.
13. Use the chart to calculate the mean of the Pistons' wins.
14. Calculate the mean of the Red Wings' wins.
15. Find the median of the Pistons' wins.
16. Find the median of the Red Wings' wins.
17. Which is a more accurate "average" for the Red Wings – the mean or the median? Explain your answer.
18. Which is the better Detroit sports team? Why?