Name: _____   Date: _____

Section 1.1 Extra Practice

For #1 to #5, choose the type of graph that best completes each sentence.

bar graph   circle graph   double bar graph   line graph   pictograph

1. Uses symbols to represent data _____

2. Compares one set of data using bars _____

3. Compares categories to the whole using percents _____

4. Compares two sets of data across categories _____

5. Shows changes in data over time _____

For #6 and #7, choose the type of graph you would recommend to represent each situation. Justify your choice.

	a) Type	**b) Justification**
6. Ray wants to compare the percent of students who go home for lunch to the percent of students who have lunch at school.	circle graph or bar graph	
7. Ben's mother has put marks on a wall to track his growth since he was three years old.	pictograph or line graph	

8. The table shows Jessica's pulse rate in 30-s intervals during exercise.

Time (s)	0	30	60	90	120
Number of Beats	61	82	94	110	120

a) Which type of graph would best display these results? Explain why.

_____

b) Draw the graph.

c) If you recorded your pulse rate after exercise, could you add your results to the graph you drew? Explain.

_____

_____