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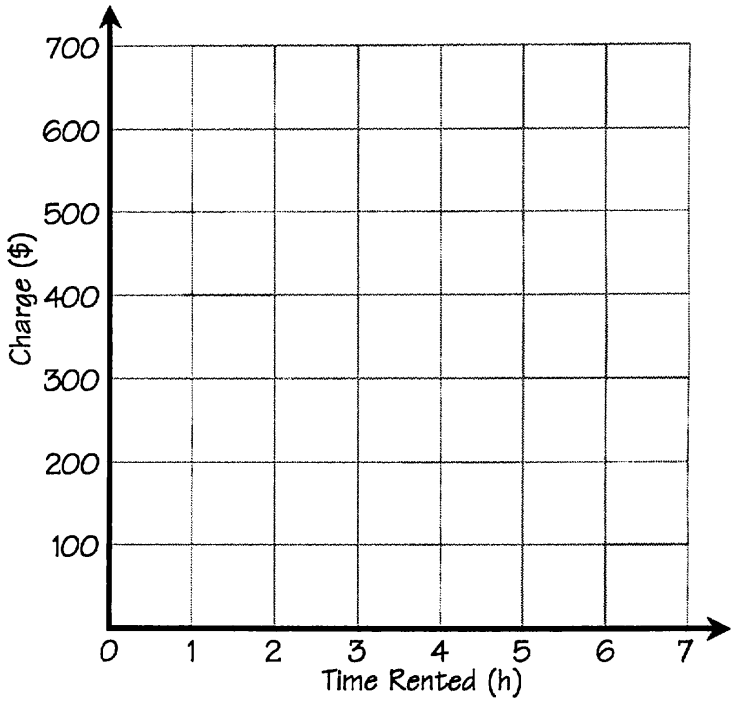
The two problems below can be solved using equations. They can also be solved using either tables or graphs. Complete the table and graph for each problem, then answer the questions asked.

Problem 1. The Red Bus Company charges $150 plus $72 per hour to rent a bus. The Blue Bus Company charges $240 plus $54 per hour.

A. For what number of hours would the companies charge the same?

B. What would the charge be for that number of hours?

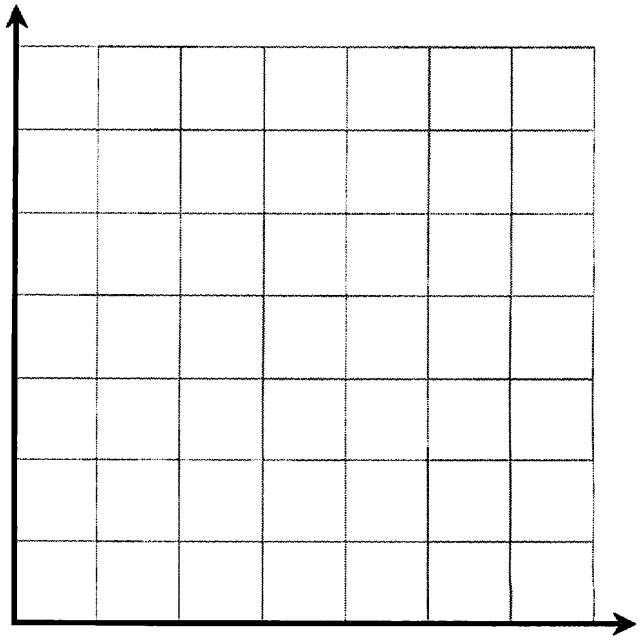
Hours Rented	Red Bus Charge ($)	Blue Bus Charge ($)
0	150	240
1		
2		
3		
4		
5		
6		
7		



Problem 2. Suppose it is 40° inside your refrigerator and 340° inside your oven when the power goes out. The refrigerator temperature starts rising at the rate of 5° per hour. The oven temperature starts dropping at the rate of 45° per hour.

A. How long will it take for the temperatures to be the same?

B. What will the temperature be then?



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