Matching Activity Cards Page 1

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$150	$12	$6	$168
2	$150	$12	$12	$174
3	$150	$12	$18	$180
4	$150	$12	$24	$186

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$150	$12	$12(1) = $12	$174
2	$150	$12	$12(2) = $24	$186
3	$150	$12	$12(3) = $36	$198
4	$150	$12	$12(4) = $48	$210

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$150	$6	$6(1) = $6	$162
2	$150	$6	$6(2) = $12	$168
3	$150	$6	$6(3) = $18	$174
4	$150	$6	$6(4) = $24	$180

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$150	$6	$12(1) = $12	$168
2	$150	$6	$12(2) = $24	$180
3	$150	$6	$12(3) = $36	$192
4	$150	$6	$12(4) = $48	$204

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Matching Activity Cards Page 2

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$500	$12	$20(1) = $20	$532
2	$500	$12	$20(2) = $40	$552
3	$500	$12	$20(3) = $60	$572
4	$500	$12	$20(4) = $80	$592

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$500	$12	$40(1) = $40	$552
2	$500	$12	$40(2) = $80	$592
3	$500	$12	$40(3) = $120	$632
4	$500	$12	$40(4) = $160	$672

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$500	$18	$20(1) = $20	$538
2	$500	$18	$20(2) = $40	$558
3	$500	$18	$20(3) = $60	$578
4	$500	$18	$20(4) = $80	$598

Month	Amount Borrowed	Fees	Total Interest	Amount owed
1	$500	$18	$40(1) = $40	$558
2	$500	$18	$40(2) = $80	$598
3	$500	$18	$40(3) = $120	$638
4	$500	$18	$40(4) = $160	$678

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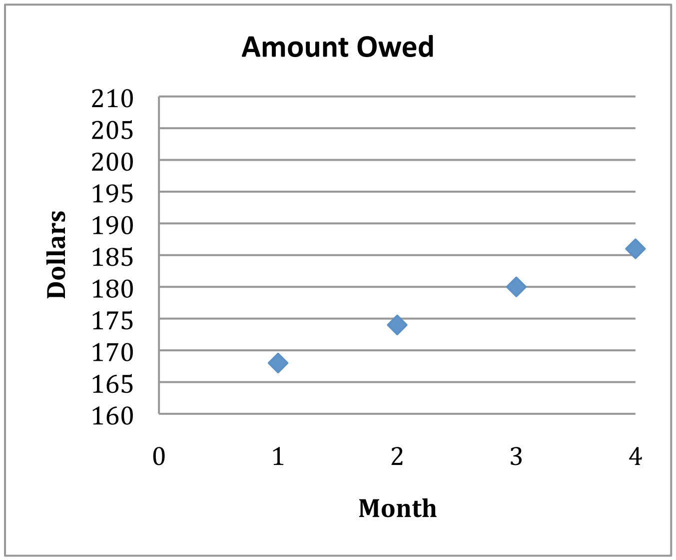
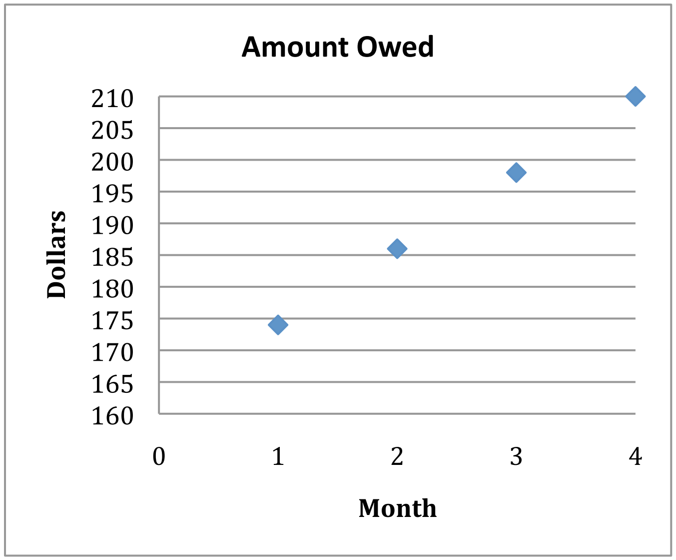
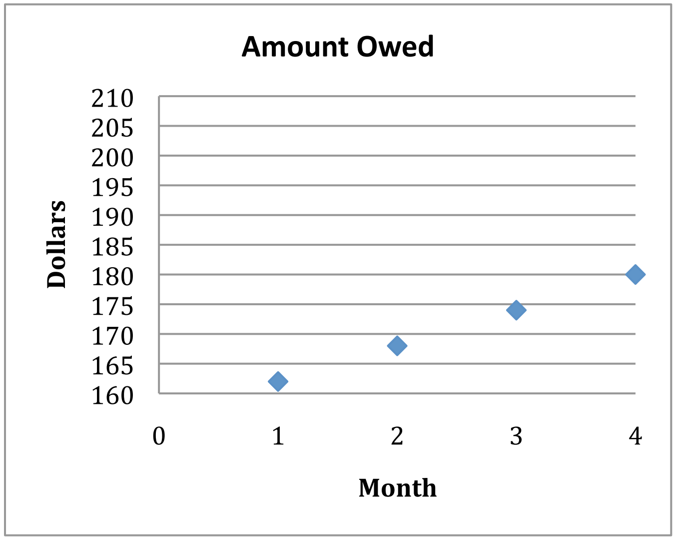
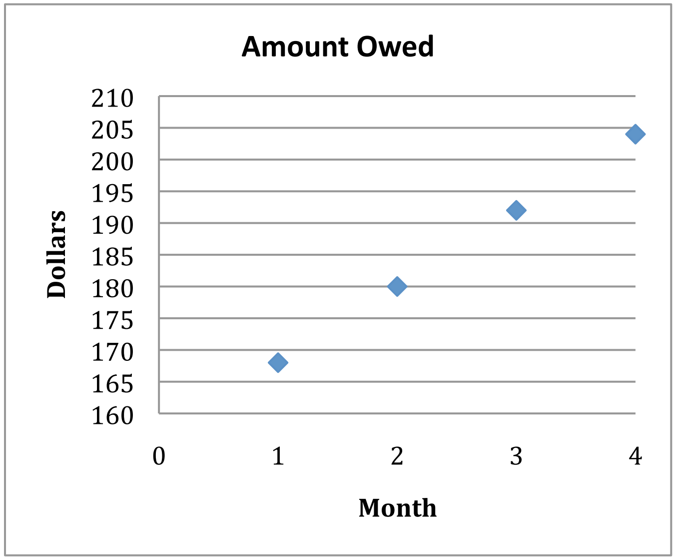
Matching Activity Cards Page 3









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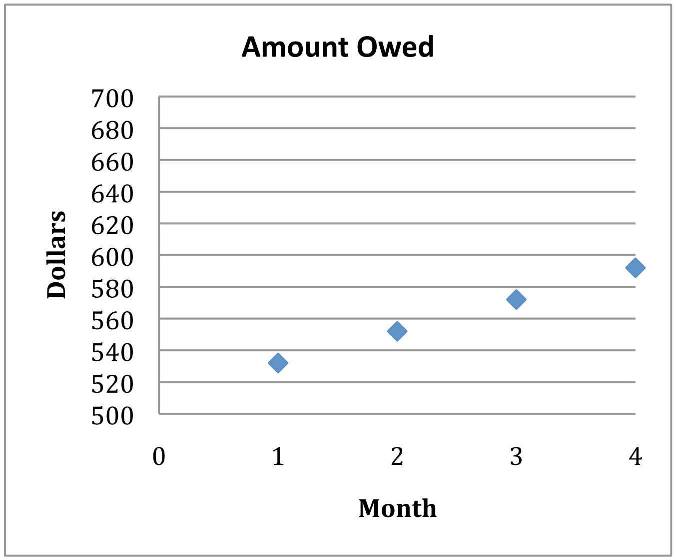
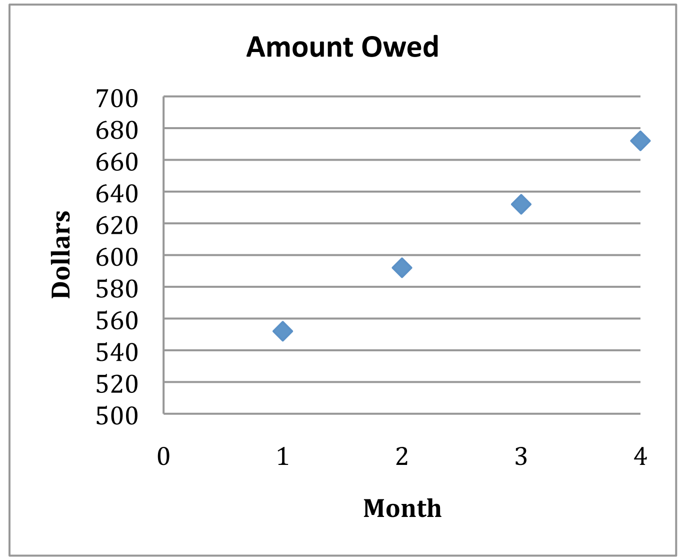
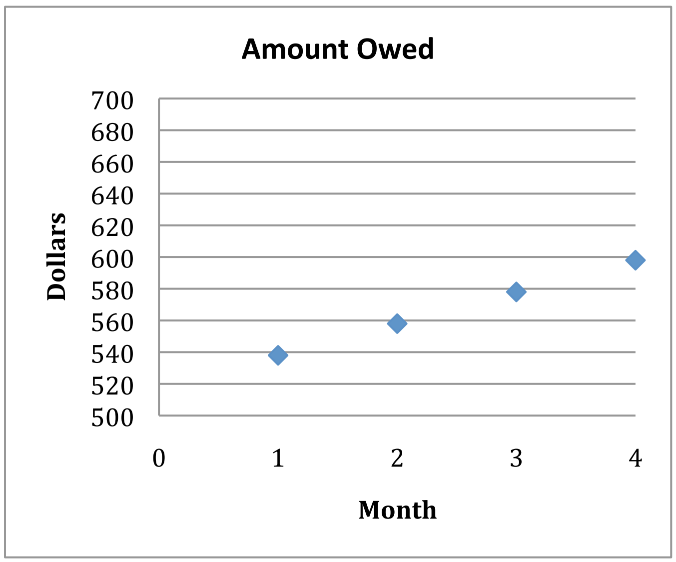
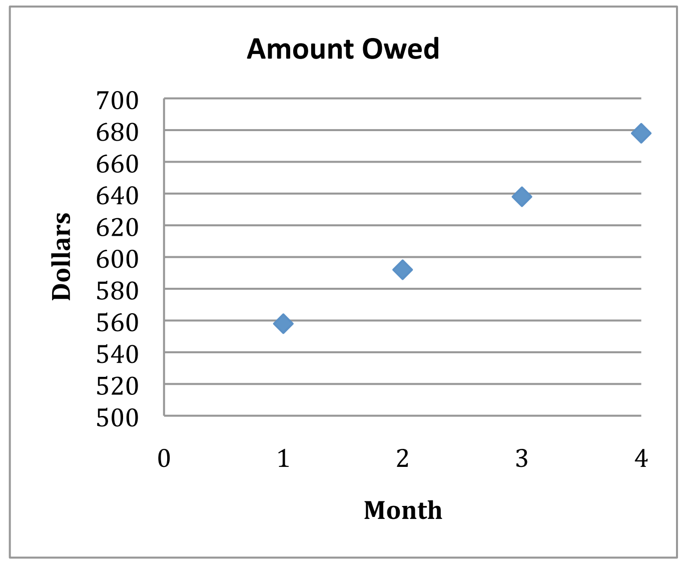
Matching Activity Cards Page 4









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Matching Activity Discussion Questions

1. Find two loans of the same amount with the same interest rates but different fees. What is the difference in their fees? How do the different fees affect the graphs?

2. Find two loans of the same amount with the same fees but different interest rates. Compare their interest rates. How do the different interest rates affect the graphs?

3. Find two loans of different amounts but with the same fees and interest rate. How do the different loan amounts affect the graphs?

Sample responses:

1. Comparing a $500 loan with an 8% interest rate with a $12 vs. 18 fixed fee, the whole graph shifts up by 6.
2. Comparing a $150 loan with a $12 interest fee with 4% vs. 8% interest, the amount you add each month is double with 8% interest rate so the line is steeper on the graph.
3. Comparing a $150 vs. $500 loan, each with a $12 fee and 4% interest rate, the amount you owe starts much higher and also goes up faster each month (by $20 instead of $6 each month). The line would be steeper, except that the scale on the graph makes it look similar.
   Note: You may have to help students understand the differences that are hidden by the fact that the $150 loan vs. $500 loan graphs are not plotted on the same scale

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