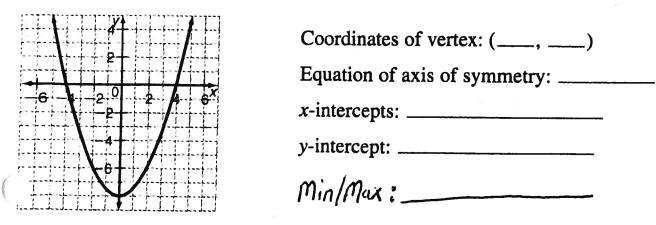
1. Use first and second differences to determine if the relation is quadratic.

X	y	First Differences	Second Differences
-3	20	1.	
-2	13		
-1	8		
0	5		
1	4		
2	5		
3	8		

2. Identify the information indicated.



Determine if the relation is linear, quadratic, or neither. Provide an explanation for your answer.

x	ÿ	First Differences	Second Differences
-3	12		315
-2	7		
-1	4		
0	3		
1	4		
2	7		
3	12		

The relation is \_\_\_\_\_\_ because \_\_\_\_\_\_

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