

Patterns of Change in Two Variables 2

<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-3</td><td></td></tr> <tr><td>-1</td><td>-3</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>6</td></tr> <tr><td>5</td><td></td></tr> <tr><td>7</td><td></td></tr> </tbody> </table>	x	y	-3		-1	-3	0	0	1	3	2	6	5		7		<p>1) What is the pattern of change in the y-variables? 2) Graph the relationship. 3) What type of relationship exists between x and y? 4) Give an equation to describe the relationship between x and y. 5) Give the x and y intercepts. 6) Complete the table.</p>	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-5</td><td></td></tr> <tr><td>-2</td><td>-1</td></tr> <tr><td>-1</td><td>0</td></tr> <tr><td>0</td><td>1</td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>-1</td></tr> <tr><td></td><td>-7</td></tr> </tbody> </table>	x	y	-5		-2	-1	-1	0	0	1	1		2	-1		-7	<p>7) What is the pattern of change in the y-variables? 8) Graph the relationship. 9) What type of relationship exists between x and y? 10) Give an equation to describe the relationship between x and y. 11) Give the x and y intercepts. 12) Complete the table.</p>
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3	18																																		
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x	y
-2	
-1	-1
0	1
1	3
2	5
	13
13	

- 61) What is the pattern of change in the y-variables?
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 63) What type of relationship exists between x and y?
 64) Give an equation to describe the relationship between x and y.
 65) Give the x and y intercepts.
 66) Complete the table.

x	y
-4	
-1	4
0	2
1	0
2	-2
9	
	-22

- 67) What is the pattern of change in the y-variables?
 68) Graph the relationship.
 69) What type of relationship exists between x and y?
 70) Give an equation to describe the relationship between x and y.
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x	y
-5	
-2	2
-1	
0	
1	-4
2	-6
7	

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 77) Give the x and y intercepts.
 78) Complete the table.

x	y
	-11
-1	-5
0	-3
1	-1
2	
3	
	17

- 79) What is the pattern of change in the y-variables?
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x	y
-2	
-1	4
0	3
1	4
2	7
6	
12	

- 85) What is the pattern of change in the y-variables?
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x	y
-1	
0	-2
1	-1
2	2
3	7
5	
8	

- 91) What is the pattern of change in the y-variables?
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x	y
-2	-4
-1	-1
0	0
1	-1
2	
8	
	-81

- 97) What is the pattern of change in the y-variables?
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 102) Complete the table.

x	y
-2	
-1	3
0	4
1	3
2	0
	-21
13	

- 103) What is the pattern of change in the y-variables?
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x	y
-4	4
-3	1
-2	0
-1	1
2	0
7	
	144

- 109) What is the pattern of change in the y-variables?
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x	y
-3	
0	1
1	0
2	1
3	4
6	
10	

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