

Patterns of Change in Two Variables 3

<table border="1" style="width: 100px; height: 100px;"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-3</td><td></td></tr> <tr><td>-1</td><td>-1</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>5</td><td></td></tr> </tbody> </table>	x	y	-3		-1	-1	0	0	1	1	2	2	5		<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" style="width: 100px; height: 100px;"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-2</td><td>2</td></tr> <tr><td>-1</td><td>1</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td></td></tr> <tr><td>6</td><td></td></tr> </tbody> </table>	x	y	-2	2	-1	1	0	0	1	1	2		6		<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																															
0	0																														
1	1																														
4	2																														
9	3																														
144																															

x	y
-1	
0	1
1	2
4	3
9	4
64	

- 61) What is the pattern of change in the y-variables?
 62) Graph the relationship.
 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.

x	y
-2	
0	-2
1	-1
4	0
9	1
49	

- 67) What is the pattern of change in the y-variables?
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 69) What type of relationship exists between x and y?
 70) Give an equation to describe the relationship between x and y.
 71) Give the x and y intercepts.

x	y
-5	
0	0
1	-1
4	-2
9	-3
25	

- 73) What is the pattern of change in the y-variables?
 74) Graph the relationship.
 75) What type of relationship exists between x and y?
 76) Give an equation to describe the relationship between x and y.
 77) Give the x and y intercepts.
 78) Complete the table.

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

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

- 85) What is the pattern of change in the y-variables?
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x	y
-5	
-3	0
-2	1
1	2
6	3
13	

- 91) What is the pattern of change in the y-variables?
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x	y
1	-1
2	0
3	-1
4	-4
7	
10	

- 97) What is the pattern of change in the y-variables?
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 101) Give the x and y intercepts.

x	y
-5	-2
-3	0
-1	2
0	
4	-2
9	

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x	y
-1	
0	0
1	2
4	4
9	6
16	

- 109) What is the pattern of change in the y-variables?
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x	y
-16	
-9	5
-4	4
-1	3
0	2
4	

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