

## Functions Notes

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Definition:</div>   <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Examples:</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Picture/Characteristics:</div>   <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Non-Examples:</div>
<div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <b>relation</b> </div>	<div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <b>function</b> </div>

<b>Ordered Pairs</b>		<b>Table</b>
<b>Mapping Diagram</b>		<b>Graph</b>

Tell if each relation is a function. Explain.

Relation	Is It a Function?	Reason	Relation	Is It a Function?	Reason																				
<p>domain                  range</p>			<p>domain                  range</p>																						
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<table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr><td>-2</td><td>-3</td></tr> <tr><td>-1</td><td>-2</td></tr> <tr><td>0</td><td>-1</td></tr> <tr><td>1</td><td>0</td></tr> </tbody> </table>	x	y	-2	-3	-1	-2	0	-1	1	0			<table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr><td>1</td><td>6</td></tr> <tr><td>2</td><td>5</td></tr> <tr><td>1</td><td>-6</td></tr> <tr><td>2</td><td>-5</td></tr> </tbody> </table>	x	y	1	6	2	5	1	-6	2	-5		
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