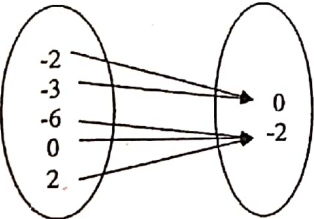
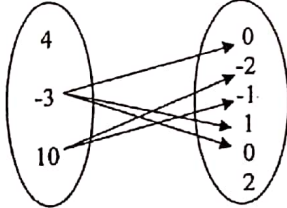
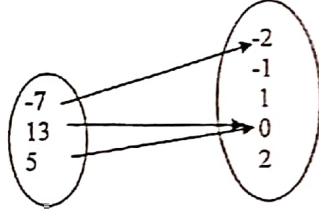
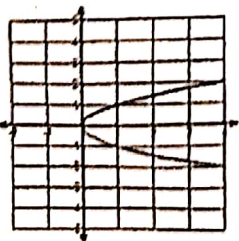
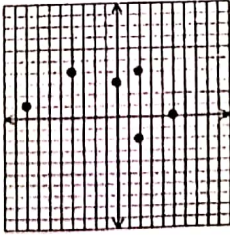
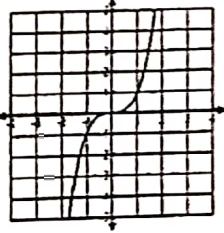


FUNCTION NOTES

A function is a relation where each _____ has exactly one _____. (**x can not repeat**)

Use the definition above to decide if the following are or are not functions and explain why.

<p>Ordered pairs</p> <p>Function Rule:</p>	<p>$\{(-1, 3), (0, -4), (1, -7)\}$</p> <p>_____ a function because</p> <p>_____</p>	<p>$\{(-2, -1), (3, 7), (-2, 4)\}$</p> <p>_____ a function because</p> <p>_____</p>	<p>$\{(6, 3), (5, 2), (2, -3), (12, -12)\}$</p> <p>_____ a function because</p> <p>_____</p>																												
<p>Tables</p> <p>Function Rule:</p>	<table border="1" data-bbox="368 790 507 1003"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-4</td><td>3</td></tr> <tr><td>-4</td><td>2</td></tr> <tr><td>4</td><td>1</td></tr> <tr><td>4</td><td>0</td></tr> <tr><td>4</td><td>-1</td></tr> </tbody> </table> <p>_____ a function because</p> <p>_____</p>	x	y	-4	3	-4	2	4	1	4	0	4	-1	<table border="1" data-bbox="767 790 906 949"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-1</td><td>3</td></tr> <tr><td>0</td><td>-4</td></tr> <tr><td>1</td><td>-7</td></tr> </tbody> </table> <p>_____ a function because</p> <p>_____</p>	x	y	-1	3	0	-4	1	-7	<table border="1" data-bbox="1166 790 1321 949"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-2</td><td>-1</td></tr> <tr><td>3</td><td>7</td></tr> <tr><td>-2</td><td>4</td></tr> </tbody> </table> <p>_____ a function because</p> <p>_____</p>	x	y	-2	-1	3	7	-2	4
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-2	4																														
<p>Mappings</p> <p>Function Rule:</p>	 <p>_____ a function because</p> <p>_____</p>	 <p>_____ a function because</p> <p>_____</p>	 <p>_____ a function because</p> <p>_____</p>																												
<p>Graphs</p> <p>Function Rule:</p>	 <p>_____ a function because</p> <p>_____</p>	 <p>_____ a function because</p> <p>_____</p>	 <p>_____ a function because</p> <p>_____</p>																												