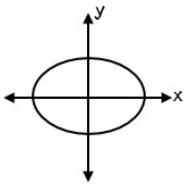
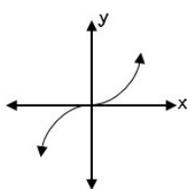


IDENTIFYING FUNCTIONS

Use your knowledge of functions to complete the table below. Identify whether or not each representation is a function, and be sure to justify your answer.

RELATIONSHIP	FUNCTION?	JUSTIFICATION										
<p>1.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">x</td> <td style="padding: 5px;">-3</td> <td style="padding: 5px;">-1</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">y</td> <td style="padding: 5px;">10</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">10</td> </tr> </table>	x	-3	-1	1	3	y	10	2	2	10		
x	-3	-1	1	3								
y	10	2	2	10								
<p>2.</p> <p style="text-align: center;">$y = -3x^2 + 10$</p>												
<p>3.</p> <div style="text-align: center;">  </div>												
<p>4.</p> <p>$\{(-3, 0), (13, 4), (6, 3), (13, -4), (22, 5)\}$</p>												
<p>5.</p> <p style="text-align: center;">$x^2 + y^2 = 100$</p>												
<p>6.</p> <div style="text-align: center;">  </div>												
<p>7.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">x</td> <td style="padding: 5px;">25</td> <td style="padding: 5px;">25</td> <td style="padding: 5px;">36</td> <td style="padding: 5px;">36</td> </tr> <tr> <td style="padding: 5px;">y</td> <td style="padding: 5px;">5</td> <td style="padding: 5px;">-5</td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">-6</td> </tr> </table>	x	25	25	36	36	y	5	-5	6	-6		
x	25	25	36	36								
y	5	-5	6	-6								